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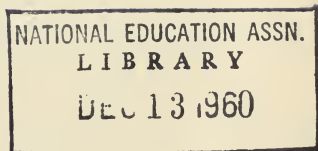
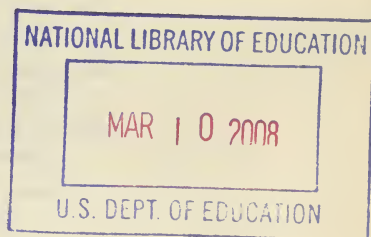
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Office of Education

SAMUEL MILLER BROWNELL, *Commissioner*

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Biennial Survey of Education in the United States—1948-50

Chapter 1

Statistical
Summary
of Education



1949-50

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Office of Education

*Biennial Survey of Education in the United States,
1948-50*

The following chapters are included in the Biennial Survey for 1948-50:

Chapter 1. Statistical Summary of Education, 1949-50.

Chapter 2. Statistics of State School Systems, 1949-50.
30 cents.

Chapter 3. Statistics of City School Systems, 1949-50:
Staff, Pupils, Finances, and Property. 30 cents.

Chapter 4. Statistics of Higher Education:

Section I. Faculty, Students, and Degrees, 1949-50.
25 cents.

Section II. Receipts, Expenditures, and Property,
1949-50. 20 cents.

Chapter 5. Offerings and Enrollments in High-School
Subjects. 1948-49. 30 cents.

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as soon as completed.

Chapter 1

Statistical
Summary
of Education,
1949-50

ROSE MARIE SMITH, *Educational Statistician*, prepared this chapter, under the general direction of EMERY M. FOSTER, *Head, Reports and Analysis Unit*

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
OVETA CULP HOBBY, *Secretary*

Office of Education • EARL JAMES McGRATH, *Commissioner*

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FOREWORD

THE *Biennial Survey of Education in the United States* brings together, in a series of separately issued chapters of uniform format, the periodic statistical studies of the Office of Education for each biennium: in the present instance, the biennium of 1948-50. These statistical studies are conducted in accordance with the statutory obligation of the Office of Education to collect "such statistics and facts as shall show the condition and progress of education in the several States and Territories . . ." The present chapter, entitled "Statistical Summary of Education," provides an abstract (together with brief interpretive comments) of educational statistics drawn principally from other chapters of the *Biennial Survey*. The titles of these other chapters are listed on the inside cover of this publication.

The Statistical Summary inevitably reflects certain gaps or shortcomings of the studies from which the Summary is drawn. Most important, perhaps, is the lack of data for rural schools as a separate group. Data are also lacking on such items as the starting salaries of teachers, taxable property per pupil, offerings in adult education, unit costs in higher education, etc.

All in all, the present Statistical Summary condenses data collected by the Office of Education or other agencies from over 170,000 educational institutions, including elementary schools, secondary schools, libraries, and institutions of higher education. This coverage, while extensive, is still incomplete, since the Office of Education lacks data from an unknown number of private vocational and trade schools, private correspondence schools, etc.

Attention is invited to the organization of the material in the present Summary, as outlined in the Table of Contents. Those who make regular use of successive editions of the Summary will notice that the organization is new and, it is hoped, an improvement in logic and clarity.

HERBERT S. CONRAD, *Chief*
Research and Statistical Standards

WARD STEWART, *Assistant Commissioner*
for Program Development and Coordination

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Statistical Summary of Education, 1949-50

THIS CHAPTER of the *Biennial Survey of Education in the United States* provides a statistical conspectus of education, from the kindergarten through higher education, for both publicly and privately controlled schools. Historical tables show trends over long periods. In general the data are taken from the other chapters of the survey; additional information has been drawn (a) from other publications of the Office; (b) from other governmental sources, such as the Bureau of the Census and the Veterans Administration; and (c) from nongovernmental sources, such as the National Catholic Welfare Conference and the National League of Nursing Education, Inc.

Organization of Data

This chapter presents, first, a statistical summary of education in broad range (kindergarten through university); second, a statistical summary of education by level (elementary-secondary education and higher education); third, a statistical summary of Negro education; and, finally, a brief statistical note on activities of the Office of Education in the field of international educational relations.

Education in Broad Range

Educational Units

More than 62,000 educational units in the United States are periodically requested to report statistical data to the Office of Education (table 1). Each State Department of Education (as well as each outlying part of the United States), each city school system in cities having more than 2,500 population, and each institution of higher education (defined as university, college, professional school, teachers college, normal school, and junior college) is requested biennially to report specified general and fiscal data. Public secondary schools, nonpublic elementary and secondary schools, residential schools for exceptional children, and libraries (public, school, and college) are requested less frequently to report. There are other types of schools from which data are not collected. These are chiefly private commercial, vocational, and trade schools;

Table 1.—Number and type of educational units in the United States

Type	Number
Total number of educational units surveyed by the Office of Education	62, 443
Units covered by 1948-50 surveys	37, 280
States, the District of Columbia, and outlying parts of the United States	56
City school systems	3, 141
Public secondary schools	24, 542
Institutions of higher education	1, 851
Public library systems	7, 500
Schools of engineering	190
Units covered by previous surveys	25, 163
Nonpublic elementary and secondary schools	¹ 13, 706
Residential schools for exceptional children	² 444
Schools of nursing not affiliated with universities	³ 1, 065
Libraries in institutions of higher education	1, 851
Public-school library systems	⁴ 8, 097
Educational units not surveyed by the Office of Education	-
County or similar large public school systems that include both rural and urban areas	-
Private commercial, vocational, and trade schools	-
Private non-degree-granting schools of art, music, dancing, and dramatics	-
Private Bible schools not granting degrees	-
Private correspondence schools	-

¹ Estimated.² Statistics, 1945-46.³ SOURCE: National League of Nursing Education, Inc. Data as of January 1, 1950.⁴ Statistics, 1947-48.

private schools of art, music, dancing, and dramatics (non-degree-granting); private Bible schools not granting degrees; the Armed Forces Institute; and private correspondence schools. Also not covered is a large amount of unorganized individual education.

Administrative Units

During the school year 1949-50 more than 83,000 basic administrative units administered 153,000 public elementary and secondary schools in continental United States. The distribution of the administrative units by State (table 2) shows that 15 States have fewer than 200 such units each, while 22 States have more than 1,000 each, the range being from 17 in Delaware to 7,116 in Minnesota. One recognized way to achieve more efficient financial administration of public schools and at the same time to provide a more desirable quality level of education is to eliminate unnecessarily small school administrative units. Some States are making excellent progress in this direction. During the past decade, in the country as a whole, there was a decrease of 33,702, almost 29 percent, in the num-

ber of ultimate or basic administrative units, as follows: 1939-40, 116,999 units; 1941-42, 115,384; 1943-44, 111,273; 1945-46, 101,273; 1947-48, 94,817; and 1949-50, 83,237.

Number of Schools

The distribution by State of approximately 170,000 schools is shown in table 2. The classification is by level (elementary, secondary, and higher education), and by control (public or private), as well as by special type (residential schools for exceptional children, and schools of nursing not affiliated with colleges and universities). Separate data for a number of 1-teacher schools are reported in column 4.

Enrollments

Grand total enrollments, from the kindergarten through higher education, in both public and nonpublic schools, numbered 31,400,000 in 1949-50 (table 3), 5 percent more than in 1947-48, and 82 percent more than at the turn of the century (table 4). In 1949-50 nonpublic schools enrolled approximately 15 percent of the total: 12 percent of the pupils at the elementary level; 11 percent at the secondary level; and 49 percent of students in institutions of higher education.

Table 5 presents data on the percentage of persons in specified age groups enrolled in school. The highest percentage of persons in the age group 5-34 enrolled in school (49.6) was found in the rural-farm areas. Rural-nonfarm areas enrolled 45.4 percent and urban areas, 41.2 percent. The effect of the compulsory school laws (in general applying to ages 7-16) is reflected in the percentage of children of the following age groups enrolled in school: 7-13, 99 percent; 14-15, 94 percent, and 16-17, 70 percent.

School Retention Rates

For the purposes of this summary, school retention rates are based on the number of pupils enrolled in the fifth grade, rather than in the first. The fifth-grade enrollment probably more nearly equals the number in the entering first-grade cohort 5 years earlier than does the total first-grade enrollment itself, because of retardation in the first grades, and also because compulsory school laws keep practically all children in school at least through the fifth grade. Of 1,000 children enrolled in the fifth grade in 1942-43, 505 were graduated from high school in 1949-50, and 225 of the 505 high-school graduates entered institutions of higher education the following fall (table 6). The large number of ex-service students who entered college several years after high-school graduation, with varying amounts of advanced credit, makes it impossible to calculate a retention rate extending to college graduation until the relationship between college and high-school enrollment becomes normal again. For this reason no college graduate figure has been given in table 6 since that for 1941-42.

Table 2.—Number of public-school administrative units and number of schools of specified types, by State: 1949-50

State, by Region	Public elementary and secondary schools				Nonpublic schools ¹		Residential schools for exceptional children, 1945-46		Institutions of higher education ²		Schools of nursing not affiliated with colleges and universities ³
	Ultimate or basic administrative units	Elementary		Secondary	Elementary	Secondary	Public	Private	Public	Private	
		Total	1-teacher schools								
1	2	3	4	5	6	7	8	9	10	11	12
Continental United States.....											
NEW ENGLAND.....	83, 237	123, 225	59, 652	24, 542	10, 375	3, 331	307	137	641	1, 210	1, 065
Maine.....	1, 182	5, 399	1, 413	1, 063	894	439	28	16	38	118	111
New Hampshire.....	115	1, 432	638	202	89	61	4	---	6	10	11
Vermont.....	240	434	99	107	66	41	2	---	3	6	13
Massachusetts.....	265	801	506	84	30	25	2	---	4	9	8
Rhode Island.....	351	1, 731	102	478	424	204	11	11	18	59	58
Connecticut.....	39	304	24	64	86	29	4	2	1	5	11
	172	697	44	128	199	79	5	3	5	23	16
MIDDLE ATLANTIC.....	7, 012	13, 965	3, 393	2, 402	2, 404	710	28	60	56	223	248
New York.....	3, 929	5, 927	1, 121	1, 009	1, 074	335	11	31	30	102	93
New Jersey.....	559	1, 528	58	268	403	137	9	6	11	26	42
Pennsylvania.....	2, 524	6, 510	2, 214	1, 125	927	248	8	23	15	95	113
EAST NORTH CENTRAL.....	18, 155	18, 784	9, 749	4, 171	2, 792	645	38	17	87	234	211
Ohio.....	1, 509	3, 074	341	1, 199	601	156	11	1	9	60	57
Indiana.....	1, 056	4, 271	437	831	312	41	7	1	6	34	24
Illinois.....	4, 880	3, 470	2, 370	942	864	190	5	5	19	81	85
Michigan.....	4, 918	3, 969	2, 707	697	455	172	9	6	18	28	23
Wisconsin.....	5, 792	6, 000	3, 956	502	560	86	6	4	35	31	22
WEST NORTH CENTRAL.....	35, 718	32, 697	24, 600	4, 222	1, 641	423	46	8	104	144	121
Minnesota.....	7, 116	5, 122	3, 948	566	345	74	11	3	16	28	22
Iowa.....	4, 652	6, 373	4, 173	977	337	132	6	2	21	30	23
Missouri.....	6, 273	6, 302	3, 788	751	399	93	11	3	18	37	24
North Dakota.....	2, 250	2, 871	2, 641	407	49	22	4	---	11	2	10
South Dakota.....	3, 401	3, 391	3, 065	289	55	23	4	---	7	9	7
Nebraska.....	4, 769	4, 800	4, 289	532	217	48	5	---	10	14	10
Kansas.....	5, 257	3, 778	2, 696	680	239	31	5	---	21	24	25
SOUTH ATLANTIC.....	2, 208	18, 580	6, 492	3, 895	568	300	61	13	85	202	168
Delaware.....	17	142	45	62	28	11	4	---	2	3	7
Maryland.....	24	858	127	212	172	60	6	---	12	22	21
Virginia.....	127	2, 812	985	533	66	56	10	1	12	32	31

West Virginia.....	55	4,022	2,390	374	51	16	9	11	11	22	6
North Carolina.....	172	2,852	363	59	59	32	9	14	14	30	59
South Carolina.....	1,559	3,238	917	445	30	19	6	7	7	35	12
Georgia.....	186	3,133	1,300	808	44	28	7	10	10	25	13
Florida.....	67	1,401	275	482	75	55	5	6	6	12	13
District of Columbia.....	1	122	-----	37	43	23	5	2	2	22	6
EAST SOUTH CENTRAL.....	4,166	16,346	7,466	2,448	457	232	24	44	44	103	59
Kentucky.....	237	4,678	3,127	539	235	99	5	9	9	31	12
Tennessee.....	148	4,349	1,747	488	75	42	7	7	7	39	12
Alabama.....	108	3,221	814	740	96	44	8	1	1	17	15
Mississippi.....	3,673	4,098	1,778	681	51	47	4	19	19	16	20
West South Central.....	5,988	11,111	2,984	3,783	733	241	30	93	93	78	60
Arkansas.....	421	1,983	682	583	59	20	4	12	12	11	8
Louisiana.....	67	1,561	536	541	238	91	7	7	7	14	14
Oklahoma.....	2,176	1,846	908	82	37	37	8	26	26	9	11
Texas.....	3,324	5,721	578	1,661	354	93	11	48	48	47	27
MOUNTAIN.....	4,657	5,602	2,564	1,174	262	99	31	1	48	19	27
Montana.....	1,381	1,221	896	206	46	17	5	8	8	3	4
Idaho.....	810	653	191	167	20	7	4	6	6	3	8
Wyoming.....	316	600	401	101	7	1	3	2	2	7	4
Colorado.....	1,533	1,471	634	287	83	30	0	13	13	7	4
New Mexico.....	107	4,675	222	147	60	21	5	7	7	2	1
Arizona.....	274	449	85	85	29	17	3	5	5	5	5
Utah.....	40	367	31	140	9	4	4	6	6	3	5
Nevada.....	196	166	95	41	2	1	1	1	1	3	5
PACIFIC.....	4,151	5,741	991	1,384	624	242	21	13	82	89	60
Washington.....	591	1,167	121	367	106	49	8	14	14	13	17
Oregon.....	1,179	1,083	252	271	75	25	5	7	7	15	7
California.....	2,381	6,491	7,618	746	443	168	8	61	61	61	36
U. S. SERVICE ACADEMIES.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Outlying parts of the United States.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Alaska.....	27	56	44	31	17	2	-----	-----	-----	-----	-----
American Samoa.....	1	45	14	4	-----	-----	-----	-----	-----	-----	-----
Canal Zone.....	1	16	1	11	-----	-----	-----	-----	1	-----	-----
Guam.....	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hawaii.....	1	134	12	25	49	17	4	1	1	3	3
Puerto Rico.....	73	1,739	950	327	83	55	3	1	1	1	10
Virgin Islands.....	2	23	-----	2	9	-----	-----	-----	-----	-----	-----

¹ Estimated.
² Includes universities, colleges, and professional schools, teachers colleges, normal schools and junior colleges.
³ Source: National League of Nursing Education, Inc. Data as of Jan. 1, 1950.
⁴ Statistics, 1947-48.
⁵ Includes 955 closed districts.
⁶ Statistics, 1945-46.
⁷ Statistics, 1948-49.

Table 3.—Enrollment in full-time day schools, by level of instruction and type of control: 1949-50

Level of instruction, by type of school	All schools †			Publicly controlled schools			Privately controlled schools		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10
Continental United States.....	31,402,051	16,468,133	14,933,918	26,601,139	13,835,390	12,765,749	4,723,132	2,632,093	2,091,039
Total elementary and secondary schools.....	28,028,347	14,595,890	14,032,667	25,209,534	12,884,768	12,324,766	3,419,013	1,711,112	1,707,901
Total elementary schools.....	22,201,505	11,438,319	10,763,156	19,477,691	10,059,248	9,418,443	2,723,814	1,379,101	1,344,713
Kindergarten.....	1,167,203	600,375	566,828	1,034,203	531,964	502,239	133,000	68,411	64,589
Kindergartens in residential schools for exceptional children.....	1,459	2,253	2,206	3,885	1,962	1,923	574	291	283
Elementary schools (including grades 7-8 in junior high schools).....	20,945,267	10,787,850	10,157,417	18,370,490	9,486,009	8,884,481	2,574,777	1,301,841	1,272,936
Elementary grades in college elementary schools.....	33,682	17,808	17,876	27,332	13,701	13,631	8,350	4,105	4,245
Elementary grades in residential schools for exceptional children †.....	48,894	30,065	18,829	41,781	25,612	16,169	7,113	4,453	2,660
Total secondary schools (pupils above 8th grade).....	6,427,042	3,157,531	3,269,511	5,731,843	2,825,520	2,906,323	695,199	332,011	363,188
Secondary (high schools and academies).....	6,379,096	3,128,847	3,250,249	5,706,734	2,811,987	2,894,747	672,362	316,860	355,502
Secondary grades in college secondary schools.....	38,162	22,528	15,634	16,743	8,330	8,413	21,419	14,198	7,221
Secondary grades in residential schools for exceptional children †.....	9,784	6,156	3,628	8,366	5,203	3,163	1,418	553	465
Total higher education.....	2,659,021	1,833,068	805,953	1,354,902	932,087	422,815	1,304,119	920,981	383,139
Independent teachers colleges.....	213,227	116,321	96,906	200,611	111,403	89,208	12,616	4,918	7,698
Universities, colleges, and independent professional schools.....	2,201,715	1,579,000	622,715	965,257	693,117	272,140	1,236,438	885,843	350,575
Junior colleges and normal schools.....	244,079	157,747	86,332	139,034	127,567	61,467	55,045	30,180	24,865
Federal schools for Indians.....	36,703	18,535	18,168	36,703	18,535	18,168	-----	-----	-----
Schools of nursing not affiliated with colleges and universities.....	77,780	700	77,080	-----	-----	-----	-----	-----	-----

† Includes 77,780 students in schools of nursing not classified by type of control.

‡ U. S. Bureau of the Census. Current Population Reports, Series P-20, No. 30.

§ Distribution by sex estimated.

† Statistics, 1945-46.

‡ In addition there are 20,123 students enrolled in nursing in institutions of higher education.

Table 4.—Enrollment in full-time day schools, by level of instruction and type of control: 1899-1900 to 1949-50

Level of instruction, by type of school		1899-1900	1909-10	1919-20	1929-30	1939-40	1943-44	1947-48	1949-50
1		2	3	4	5	6	7	8	9
Total elementary schools		16,261,846	18,528,535	20,963,722	23,717,796	21,106,655	19,891,631	20,828,958	22,201,805
Kindergartens:									
Public.....		131,657	1,293,970	481,266	723,443	594,647	697,408	988,680	1,034,203
Nonpublic.....		93,737	1,522,219	29,683	54,456	57,341	57,341	182,000	133,000
Residential schools for exceptional children.....		(¹)	(¹)	(¹)	6,164	5,777	5,777	6,459	6,459
Elementary schools:									
Public.....		14,852,202	16,004,821	18,897,661	20,555,150	18,237,451	17,015,628	17,302,547	18,370,490
Nonpublic.....		1,147,188	1,506,218	1,455,878	2,255,430	2,095,938	2,012,989	2,269,430	2,574,777
Elementary grades in college and teacher-training elementary schools.....		(¹)	(¹)	(¹)	(¹)	59,547	46,474	32,948	35,082
Residential schools for exceptional children.....		37,062	71,307	79,234	124,153	55,954	55,954	64,894	64,894
Total secondary schools		699,403	1,115,398	2,500,176	4,804,255	7,123,009	6,030,617	6,305,168	6,427,042
Public high schools ²		519,251	915,051	2,200,389	4,399,422	6,601,444	5,553,520	5,653,305	5,706,734
Nonpublic high schools.....		116,797	117,400	213,920	341,158	457,768	420,961	602,484	672,362
Secondary grades in college and teacher-training secondary schools.....		65,855	78,932	81,367	59,287	54,070	46,400	39,595	38,162
Residential schools for exceptional children.....		3,500	4,005	7,400	6,388	9,727	9,727	9,784	9,784
Total higher education		237,592	355,215	597,880	1,100,737	1,494,203	1,155,272	2,016,262	2,659,021
Publicly controlled.....		10,90,689	10,166,560	10,315,382	10,532,647	796,631	571,406	1,326,147	1,354,902
Privately controlled.....		10,146,903	10,188,655	10,282,498	10,568,090	697,572	583,866	1,290,115	1,304,119

¹ Statistics, 1911-12. ² Statistics, 1939-40. ³ U. S. Bureau of the Census, Current Population Reports, Series P-20, No. 30. ⁴ Data not available. ⁵ Statistics, 1925-27. ⁶ Statistics, 1945-46. ⁷ Statistics, 1917-18. ⁸ Statistics from high-school reports through 1919-20; since 1919-20 from *Statistics of State School Systems*. ⁹ Statistics 1927-28. ¹⁰ Distribution by control estimated.

Table 5.—Percent of civilian population in publicly or privately controlled day schools or colleges, by age, sex, and urban or rural residence: October 1949¹

Age in years	United States total			Urban	Rural-nonfarm	Rural farm
	Total	Male	Female			
1	2	3	4	5	6	7
Total	43.9	47.3	40.6	41.2	45.4	49.6
5 ¹	55.1	56.8	53.3	75.5	34.9	31.4
6 ¹	96.2	96.6	95.8	98.5	95.2	92.3
7-9.....	98.5	98.5	98.5	99.5	99.3	95.5
10-13.....	98.7	98.6	98.8	99.6	99.4	96.1
14-15.....	93.5	93.9	93.1	96.5	94.7	87.1
16-17.....	69.5	70.8	68.2	73.3	68.3	62.6
18-19.....	25.3	31.6	19.9	28.1	24.2	17.9
20-24.....	9.2	15.4	3.7	10.8	8.3	4.2
25-29.....	3.8	6.8	1.1	4.1	4.7	1.1
30-34.....	1.1	1.9	0.4	0.9	1.9	0.6

¹ U. S. Bureau of the Census, Current Population Reports, Series P-20, No. 30, with adjustments made in 5- and 6-year olds to include kindergartens.

Table 6.—Number continuing through college per 1,000 pupils enrolled in the fifth grade of public and nonpublic schools in the years indicated, by grade or year

Grade or year	Number continuing, per 1,000 pupils in the fifth grade in—												
	1930-31	1931-32	1932-33	1933-34	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Elementary schools:													
Fifth.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Sixth.....	943	929	935	944	953	946	954	954	955	963	968	952	954
Seventh.....	872	884	889	895	892	889	895	901	908	916	910	905	909
Eighth.....	824	818	831	836	842	839	849	850	853	846	836	834	847
High schools:													
I.....	770	780	786	792	803	814	839	811	796	781	781	789	807
II.....	652	651	664	688	711	725	704	679	655	673	697	698	713
III.....	529	546	570	594	610	587	554	519	532	552	566	581	604
IV.....	463	481	510	489	512	466	425	428	444	476	507	514	533
Graduates.....	417	432	455	462	467	439	393	398	419	450	481	488	505
Year of graduation...	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
Colleges:													
I.....	148	154	160	142	129	119	121	(2)	(2)	(2)	(2)	(2)	225
Graduates.....	69	69	47	49	51	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Year of graduation...	1942	1943	1944	1945	1946	1947	1948	1949	1950	-----	-----	-----	-----

¹ Fourth grade in 11-grade system; fifth grade in 12-grade system.

² Lack of detailed information regarding veteran students makes impossible the calculation of retention rates.

Teachers

Almost a million and a quarter (1,243,000) men and women were teaching in public and nonpublic schools of the Nation (from kindergarten through higher education) in 1949-50 (table 7). This number is an increase of 86,000, or 7 percent, over 1947-48: 18 percent for men, and 3 percent for women. In 1949-50 men constituted 30 percent of the teaching staff, and in 1947-48, 27 percent.

Table 7.—Number of teachers¹ in all elementary and secondary schools, and instructional staff members² in institutions of higher education: 1929-30 to 1949-50

Type of school, by level	1929-30		1939-40		1943-44		1947-48		1949-50	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
Continental United States										
Total elementary and secondary schools	216,275	818,758	298,331	799,752	223,195	823,154	316,203	840,320	367,496	868,082
Elementary schools (including kindergartens) ³	154,983	795,178	212,084	769,152	145,487	790,278	185,565	796,814	221,635	823,590
Public	68,705	633,819	70,187	560,860	35,610	568,838	43,408	578,961	58,407	607,258
Nonpublic	67,239	573,718	67,140	508,060	31,890	507,046	39,655	515,284	52,925	536,653
	41,466	460,101	3,047	61,800	3,720	61,792	3,753	63,677	5,482	70,005
Secondary schools (including junior high schools) ³	82,689	152,405	138,384	192,023	106,742	213,991	137,836	209,471	158,536	207,741
Public	74,532	138,774	126,837	173,440	94,782	194,272	122,258	183,481	142,043	182,050
Nonpublic	48,157	413,631	11,547	18,583	11,960	19,719	15,578	25,990	16,493	25,691
Miscellaneous elementary and secondary schools: Noncollegiate departments of colleges	1,564	1,251	1,968	1,753	1,576	1,881	2,618	2,493	3,031	2,785
Publicly controlled	339	246	524	369	643	643	1,109	1,311	1,447	1,651
Privately controlled	1,225	1,005	1,444	1,384	1,143	1,238	1,509	1,182	1,584	1,134
Residential schools for exceptional children	71,578	76,571	61,107	64,599	1,107	1,599	91,148	94,771	91,148	94,771
Federal schools for Indians and Alaskans	447	1,132	438	947	452	969	555	1,118	613	1,035
Higher education: Resident instructional staff, including critic teachers	61,292	23,580	86,247	30,570	77,708	32,876	130,698	43,506	145,861	44,492
Publicly controlled	25,401	12,904	35,702	14,311	31,999	15,378	58,198	20,864	66,462	21,245
Privately controlled	35,891	10,676	50,545	16,259	45,709	17,498	72,500	22,642	79,399	23,247

¹ Does not include supervisors and principals. Teachers are reported in terms of positions.² Does not include administrative staff or faculty members engaged in research, extension, etc.³ Does not include noncollegiate departments of colleges, residential schools for exceptional children, or Federal schools for Indians and Alaskans.⁴ Statistics, 1927-28.

* Statistics, 1941-42.

* Distribution by sex estimated.

* Statistics, 1926-27.

* Statistics, 1939-40.

* Statistics, 1945-46.

Sources of Income

The total revenue receipts for education, both public and private, at all levels, were \$8,200,000,000 in 1949-50 (table 8): \$6,600,000,000, or 80 percent of the total, was for publicly controlled, and \$1,600,000,000, or 20 percent, for privately controlled education. The percentages received from the following sources were: Government appropriations and taxation, 81 percent; student fees, 5; private benefactions, 1; and other sources, 13. Publicly controlled education received 98 percent of its income from governmental sources (Federal, State or local), while privately controlled education received only 19 percent from public sources. This 19 percent was received almost entirely by institutions of higher education, and a large part of it was for the education of veterans.

Table 8.—Sources of income for publicly and privately controlled education: 1949-50

[Thousands of dollars]

Source	Total	Elementary and secondary education ¹	Institutions of higher education ²	Residential schools for exceptional children ³
1	2	3	4	5
Grand total	8, 213, 342	6, 220, 012	1, 833, 846	159, 484
Publicly controlled.....	6, 557, 321	5, 437, 045	⁴ 979, 705	140, 571
Total government.....	6, 345, 506	5, 436, 924	770, 339	138, 243
Federal.....	421, 660	155, 849	246, 059	⁵ 19, 752
State.....	2, 748, 071	2, 165, 689	463, 891	118, 491
County, city, or district.....	3, 175, 775	3, 115, 386	60, 389	-----
Student fees.....	102, 163	-----	102, 163	⁽⁶⁾
Private benefactions.....	19, 495	121	19, 374	⁽⁶⁾
Other sources.....	90, 157	-----	87, 829	2, 328
Privately controlled.....	⁷ 1, 656, 021	⁸ 782, 967	⁹ 854, 141	⁷ 18, 913
Total government.....	317, 373	-----	307, 316	10, 057
Federal.....	278, 260	-----	278, 260	-----
State.....	37, 802	-----	27, 745	10, 057
County, city, or district.....	1, 311	-----	1, 311	-----
Student fees.....	292, 447	-----	292, 447	⁽⁶⁾
Private benefactions.....	99, 253	-----	99, 253	⁽⁶⁾
Other sources.....	946, 305	⁸ 782, 967	155, 125	8, 213

¹ Revenue receipts only; does not include \$963,978,000 nonrevenue receipts for public elementary and secondary education.

² Educational and general income only.

³ 1939-40 data adjusted for estimated increases in expenditures.

⁴ Does not include \$246,754,000 for auxiliary enterprises and activities, \$12,487,000 for other noneducational expenditures, \$4,908,000 for private gifts and grants for nonexpendable funds, and \$399,990,000 for plant expansion.

⁵ Federal Indian schools.

⁶ Not reported separately.

⁷ Includes \$643,000 undistributed by source.

⁸ Estimated.

⁹ Does not include \$264,510,000 for auxiliary enterprises and activities, \$17,048,000 for other noneducational expenditures, \$61,942,000 for private gifts and grants for nonexpendable funds, and \$128,758,000 for plant expansion.

Nonrevenue receipts from loans or from the sale of bonds or property (in public elementary and secondary schools), or receipts for plant expansion or auxiliary enterprises, etc. (in the field of higher education) were not included in table 8. Together the excluded income items would total about 2 billion dollars.

Expenditures

Total expenditures (including interest and capital outlay) for education in continental United States in 1949-50 were \$8.8 billion, of which \$7.1 billion was for publicly controlled and \$1.7 for privately controlled education (table 9). Approximately three-fourths of the total expenditure was for elementary and secondary education, while one-fourth was for higher education.

Table 9.—Expenditures, including capital outlay, for publicly and privately controlled education: 1949-50

[Thousands of dollars]

Schools	Total	Publicly controlled	Privately controlled
1	2	3	4
Continental United States	8,795,635	7,056,796	1,738,839
Elementary schools.....	4,992,967	¹ 4,381,555	² 611,412
Secondary schools.....	1,627,643	¹ 1,456,088	² 171,555
Higher education (including noncollegiate departments) ³	2,123,275	1,174,125	949,150
Residential schools for exceptional children ⁴	32,387	25,665	6,722
Federal schools for Indians.....	19,363	19,363	-----

¹ Distribution between elementary and secondary schools estimated on basis of a relationship of 1 to 1.13 between elementary and secondary costs.

² Estimated on basis of cost per pupil in public schools.

³ Does not include \$235,513,000 public, and \$240,888,000 private, and \$476,401,000 total expenditure for "auxiliary enterprises" and \$19,961,000 public, \$42,855,000 private, and \$62,816,000 total expenditure for "other noneducational expenditures."

⁴ State and private residential schools for delinquents, blind, deaf, and mentally deficient children. The 1939-40 expenditures have been increased by the percentage increase in public elementary and secondary school expenditures.

Federal Government Funds for Education

There has been a continuing demand for data on Federal expenditures for education. Since Federal funds are administered by a number of Federal offices, the Office of Education began in 1935 to issue bulletins bringing together from all available sources the total Federal expenditures for educational purposes. Table 10 summarizes data taken from Bulletin 1950 No. 3, Federal Government Funds for Education, 1948-49 and 1949-50. A total of \$3.3 billion was received from Federal sources during the year 1949-50 for the purposes specified in the table. The educational programs of the Veterans Administration accounted for 87 percent of the total.

Table 10.—Summary of Federal government funds for education: 1949-50¹

<i>Administering agency and purpose</i>	<i>Amount</i>
Total	\$3,281,746,417
FEDERAL SECURITY AGENCY	188,308,698
Office of Education.....	157,821,398
Administration.....	1,941,600
Land-grant colleges.....	5,030,000
Vocational education below college grade.....	27,127,882
Agriculture.....	9,947,537
Trade and industry.....	8,715,766
Home economics.....	5,555,324
Distributive occupations.....	1,794,499
Teacher training.....	1,114,756
Assistance to federally affected areas.....	6,737,223
Surplus property transferred to educational institutions.....	116,984,693
Donable personal property (acquisition value)....	110,306,652
Real property (fair value of transfers).....	6,678,041
Vocational rehabilitation.....	20,500,000
Columbia Institute for the Deaf.....	353,800
American Printing House for the Blind.....	125,000
Howard University.....	9,508,500
DEPARTMENT OF AGRICULTURE	163,579,836
Agricultural experiment stations.....	11,006,208
Cooperative agricultural extension work.....	32,159,840
Revenue from national forests ²	7,814,075
School lunch program.....	112,599,713
Cash distribution.....	64,625,000
Commodity distribution.....	47,974,713
VETERANS ADMINISTRATION	2,868,020,239
Vocational rehabilitation of veterans (Public Law 16):	
Tuition, equipment, supplies, and materials.....	58,676,346
Subsistence allowance.....	213,615,520
Education and training of veterans (Public Law 346):	
Tuition, equipment, supplies, and materials.....	766,616,410
Subsistence allowance.....	1,829,111,963

¹ SOURCE: Bulletin 1950, No. 3, *Federal Government Funds for Education, 1948-49 and 1949-50* supplemented by some 1949-50 data which were not available at the time the Bulletin was published.

² Twenty-five percent of the annual National forest receipts, chiefly from timber and grazing rights, is paid to the State in which the reserve is located for the benefit of public schools and public roads in the specific counties in which the forest reserves are located.

**Table 10.—Summary of Federal Government funds for education:
1949-1950 ¹—Continued**

<i>Administering agency and purpose</i>	<i>Amount</i>
DEPARTMENT OF COMMERCE: THE MARITIME COMMISSION-----	\$6, 755, 004
Federal merchant marine-----	3, 288, 518
State maritime academies-----	1, 053, 492
Training of unlicensed merchant marine personnel-----	767, 257
Upgrading of licensed and unlicensed merchant marine personnel-----	1, 645, 737
DEPARTMENT OF DEFENSE-----	16, 159, 610
U. S. Military Academy-----	5, 041, 808
U. S. Naval Academy-----	5, 492, 200
Academic training of military personnel at civilian institu- tions-----	2, 216, 538
College and graduate training of Naval Research personnel.	3, 409, 064
DEPARTMENT OF THE INTERIOR-----	32, 436, 627
Education programs for Indians in the U. S.-----	19, 362, 756
Education of natives in Alaska-----	1, 929, 940
Education in the Virgin Islands-----	11, 826
School assistance at Federal reclamation projects-----	265, 115
Revenue from grazing lands ³ -----	297, 986
Revenue from mineral lands ⁴ -----	10, 569, 004
DEPARTMENT OF THE TREASURY-----	2, 046, 247
Education of Coast Guard personnel:	
Coast Guard Academies-----	2, 014, 047
Tuition at specific institutions of higher education-----	32, 200
DISTRICT OF COLUMBIA-----	1, 982, 045
Federal contribution toward public education ⁵ -----	1, 974, 000
National Training School for Girls (Federal contribution estimated at 11.5 percent of \$69,956 total)-----	8, 045
National Training School for Boys ⁶ -----	—
CANAL ZONE:	
Public education-----	1, 631, 040
GENERAL SERVICES ADMINISTRATION (Veterans' Educational Facilities Program):	
Fair value of equipment furnished to educational institu- tions-----	827, 071

¹ See footnote 1 on p. 12.

³ Fifty percent of the receipts from each of the National grazing districts is paid to the State in which the grazing land is located, for the benefit of the subdivisions having such grazing lands within their areas. In addition, 25 percent of the receipts from each grazing district located on Indian land ceded to the United States for disposition under the public-land laws is paid to the State in which such land is located, for the benefit of county schools and county roads of the respective counties.

⁴ Thirty-seven and one-half percent of the receipts from rentals, royalties, and bonuses from mineral lands in the public domain is paid to the States in which such mineral lands are located, to be used for public roads, public schools, or other public educational institutions.

⁵ Data from Chapter 2, *Biennial Survey of Education in the United States, 1948-50*.

⁶ Data not available.

Public Library Systems

Table 11 presents selected annual statistics for public library systems in cities of 100,000 population or more, from 1945 to 1950. During that period the number of volumes in these large city library systems increased 12 percent; the number of registered borrowers increased 14 percent; and the circulation increased 8 percent.

Table 11.—Selected statistics for public library systems in cities of 50,000 population or more, for specified years

Year	Number of volumes end of year	Number of registered borrowers	Circulation	Expenditures (excluding capital outlay)
1	2	3	4	5
In cities with populations of 100,000 or more ¹				
1945.....	42,099,905	8,080,741	127,872,431	\$31,686,929
1946.....	43,152,877	8,568,678	132,232,436	34,721,097
1947.....	44,470,573	8,662,725	133,241,491	39,797,351
1948.....	45,142,081	9,011,703	133,283,304	45,205,592
1949.....	46,304,469	9,239,910	138,877,635	51,133,225
1950.....	47,046,744	9,213,589	138,534,251	54,918,400
In cities with populations of 50,000 to 99,999 ²				
1950.....	11,580,364	2,202,414	35,786,707	³ \$9,027,578

¹ 1940 U. S. Census.

² 1950 U. S. Census.

³ Excludes Chester, Pa.; financial data not reported.

Per capita data comparing selected library statistics in cities of 100,000 population or more with those in cities of 50,000 to 99,999 population (table 12) indicate that in 1950 the smaller city library systems averaged more volumes and circulated more volumes per capita than the large city library systems, and at a slightly lower per capita expenditure.

Table 12.—Comparison of per capita figures for public library systems in cities of 100,000 or more population with those of 50,000 to 99,999 population: 1950

Population group	Total population	Number of volumes per capita	Annual number of volumes circulated per capita	Annual expenditures (excluding capital outlay) per capita
1	2	3	4	5
100,000 or more.....	44,087,451	1.07	3.14	\$1.25
50,000 to 99,999.....	7,969,147	1.45	4.49	¹ 1.14

¹ Excludes Chester, Pa.; financial data not reported.

Elementary and Secondary Education

Enrollments

In 1949-50 public elementary and secondary schools enrolled 25,411,000 pupils (81.6 percent of the population 5-17 years of age). Secondary grades 9-12 enrolled 5,707,000, or 22.7 percent of the total (table 13). In 1899-1900 there were 15,503,000 pupils enrolled in these schools (72.4 percent of the population 5-17), and only 3.3 percent of the total were enrolled in secondary grades. Table 14 gives enrollment data by grade from 1938-39 to 1949-50.

Seventy-seven of each 100 persons of high-school age (14-17 years) were enrolled in public or nonpublic secondary schools (grades 9-12) in 1949-50 (table 16). Each decade since 1890 has shown an increase in the percentage of high-school age pupils enrolled in school, as follows: 1889-1890, 7 percent; 1899-1900, 11; 1909-10, 15; 1919-20, 32; 1929-30, 51; 1939-40, 73; and 1949-50, 77.

The holding power of the high school reached its highest point in 1949-50. Since 1940-41 retention rates have increased each year, from 46.9 percent in 1940-41 to 62.5 percent in 1949-50 (table 17).

Offerings and Registrations in High-School Subjects

Table 18 presents data on number and percentage of pupils enrolled in specified subjects in the last 4 years of public high schools from 1889-90 to 1948-49. While care has been exercised in the preparation of this table to preserve historical values, caution must be exercised to avoid inaccurate conclusions. Thus, subjects which have retained the same title over the years may differ in content, in emphasis, in method of instruction, and in integration with other subjects; or a new subject may differ only slightly from a previous subject of a different name.

High-School Graduates

Since 1939-40 more than a million persons have been graduated from public and nonpublic high schools each year (table 19). The proportion of the population 17 years old graduating from high school ranged from 2 percent in 1869-70, when statistics were first published by the Office of Education, to 59 percent in 1949-50. It should be remembered that the function of the high school in the earlier years was mainly college-preparatory. Even in 1929-30, only 29 percent of the 17-year-olds were graduated from high school. By 1939-40 the percent had risen to 51. There was a decrease during the war years 1942-46, but since 1947-48 the trend has again been upward.

Table 13.—Statistical summary of public elementary and secondary schools: 1870-1950
[I. General Statistics and II. Financial Statistics given in thousands]

Item	1869-70	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1943-44	1947-48	1949-50
I	2	3	4	5	6	7	8	9	10	11	12
I. GENERAL STATISTICS											
Total population 1.....	38,558	50,156	62,622	75,603	91,972	105,711	122,775	131,892	138,083	146,113	151,240
Children 5-17 years of age (inclusive) 1.....	12,655	15,066	18,543	21,404	24,240	27,729	31,571	39,805	38,990	30,171	30,788
Pupils enrolled (excluding duplicates).....	6,872	9,867	12,723	15,593	17,814	21,578	23,678	23,484	23,267	23,945	23,111
Pupils enrolled in public high schools.....	2,880	3,110	3,203	3,519	4,915	7,200	7,369	6,401	5,354	5,653	5,707
Average daily attendance.....	4,077	6,144	8,154	10,633	12,827	16,150	21,269	22,042	19,603	20,910	22,284
Total number of days attended by all pupils.....	539,053	800,720	1,098,233	1,534,823	2,011,477	2,615,161	3,672,765	3,898,012	3,440,877	3,713,333	3,964,354
Men teachers.....	78	123	126	127	110	96	142	195	127	162	195
Women teachers.....	123	164	238	296	413	584	712	681	701	699	719
Total teachers.....	201	287	364	423	523	680	854	876	829	861	914
Number of schoolhouses.....	116	178	225	248	265	271	247	227	209	209	209
Value of school property.....	\$130,363	\$209,572	\$342,552	\$550,069	\$1,091,008	\$2,409,719	\$6,211,327	\$7,635,113	\$7,928,130	\$9,212,746	\$11,396,804
II. FINANCIAL STATISTICS											
Revenue receipts:											
From income of permanent funds and lands.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
From county and local taxes and appropriations.....	-----	-----	\$7,745	\$9,152	\$14,097	\$26,036	\$27,517	\$23,104	\$24,984	\$40,405	\$35,019
From State taxes and appropriations.....	-----	-----	97,222	149,487	312,222	758,897	1,645,688	1,490,425	1,646,498	2,359,359	2,905,561
From all other sources.....	-----	-----	26,345	37,887	64,605	134,279	329,312	685,983	831,969	1,645,336	2,122,763
Total.....	-----	-----	11,882	23,240	42,141	50,909	86,040	88,015	100,872	206,434	378,661
Expenditures:											
For sites, buildings, furniture, libraries, and apparatus.....	-----	-----	26,207	35,451	69,978	153,543	370,878	257,974	53,856	412,467	1,014,176
For salaries of superintendents, supervisors, principals, and teachers.....	-----	-----	91,836	137,688	253,915	613,405	1,295,201	1,369,510	1,551,276	2,480,583	2,999,947
For all other purposes.....	-----	-----	22,463	41,826	102,357	269,204	650,711	716,565	847,449	1,418,126	1,823,520
Total.....	63,397	78,095	140,507	214,965	426,250	1,036,151	2,316,799	2,344,049	2,452,581	4,311,176	5,837,643

III. DERIVATIVE STATISTICS

Percent school population is of total population.....	31.3	30.1	29.6	28.3	26.4	25.7	22.6	21.0	20.6	20.4
Percent of total population enrolled.....	17.8	19.7	20.3	20.5	19.4	20.9	19.3	16.9	16.4	16.6
Percent of children 5-17 years of age (inclusive) enrolled.....	57.0	68.6	68.3	72.4	73.5	81.3	85.3	80.4	79.4	81.6
Percent secondary enrollment is of total enrollment.....	1.2	1.1	1.6	3.3	5.1	17.1	26.0	23.6	23.6	22.7
Percent of children enrolled attending each day.....	59.3	62.3	64.1	68.6	72.1	82.8	86.7	84.3	87.3	88.7
Average number of days schools were in session.....	132.2	130.3	134.7	144.3	157.5	172.7	178.0	175.5	177.6	177.9
Average number of days attended by each pupil enrolled.....	78.4	81.1	80.3	99.0	113.0	143.0	151.7	147.9	155.1	157.9
Average number of days attended by each child 5-17 years of age (inclusive).....	44.7	53.1	59.2	71.8	83.0	116.3	129.4	118.9	123.1	128.8
Percent of men teachers.....	38.7	42.8	34.5	29.9	21.1	14.1	16.6	15.3	18.8	21.3
Average annual salaries of all teachers (unadjusted) ¹	\$189	\$195	\$252	\$325	\$485	\$871	\$1,420	\$1,728	\$2,673	\$3,010
Average annual salaries of all teachers (adjusted) ²							2,437	2,347	2,673	3,010
Percent of revenue derived from—										
Permanent funds and lands.....										
State taxes.....			5.4	4.2	3.2	2.7	1.3	1.0	0.9	0.6
County and local taxes.....			18.4	17.2	14.9	13.8	15.8	29.2	31.9	38.2
All other sources.....			67.9	68.0	72.1	78.2	78.8	65.9	63.2	54.7
Percent of expenditures devoted to—			8.3	10.6	9.8	5.3	4.1	3.9	3.9	6.2
Sites, buildings, etc.....			18.6	16.5	16.4	14.8	16.0	11.0	2.2	9.6
Salaries.....	59.7	71.6	65.4	64.0	59.6	59.2	55.9	63.2	57.5	51.4
All other purposes.....			16.0	19.5	24.0	25.0	28.1	30.6	32.9	31.2
Total expenditures per capita of population (unadjusted).....	\$1.64	\$1.56	\$2.24	\$2.84	\$4.64	\$9.80	\$18.87	\$17.77	\$29.51	\$38.60
Total expenditures per capita of population (adjusted) ³							26.66	24.12	29.89	38.60
Total expenditure per pupil in average attendance (unadjusted) ⁴	\$15.55	\$12.71	\$17.23	\$20.21	\$33.23	\$64.16	\$108.49	\$124.67	\$202.81	\$258.85
Total expenditure per pupil in average attendance (adjusted) ⁵							153.30	169.30	205.45	258.85
Average total expenditure per day for each pupil attending (cents) (unadjusted) ⁶	11.8	9.7	12.8	14.0	21.0	39.6	62.8	71.0	114.2	145.5
Average total expenditure per day for each pupil attending (cents) (adjusted) ⁷							88.7	102.1	115.7	145.5

¹ U. S. Bureau of the Census.² Data for 1870-71.³ From reports of public high schools.⁴ Includes 231 part-time teachers in Massachusetts.⁵ Computed for teaching positions only, prior to 1919-20; since 1920 includes supervisors and principals. Not adjusted for changes in the purchasing power of the dollar.⁶ Adjusted for purchasing power of 1949-50 dollar.⁷ Beginning with 1919-20 this item excludes evening, summer, and part-time and continuation schools when reported separately. Beginning in 1945-46 expenditures for auxiliary services not chargeable to pupils are also excluded.

Table 14.—Enrollment, by grade, in full-time public day schools, for specified years

Item	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47	1947-48	1948-49	1949-50
1	2	3	4	5	6	7	8	9	10	11	12	13
Total enrollment	25,704,325	25,433,542	25,296,138	24,582,473	24,155,116	23,266,616	23,225,784	23,239,941	23,659,158	23,944,592	24,476,658	25,111,427
Elementary grades.....	19,290,136	18,832,093	18,582,225	18,174,668	18,033,080	17,713,096	17,665,594	17,677,744	17,821,481	18,291,227	18,818,254	19,404,693
Secondary grades.....	6,414,189	6,601,444	6,713,913	6,387,805	6,122,066	5,553,520	5,560,190	5,622,197	5,837,677	5,653,305	5,638,404	5,706,734
Number in each grade:												
Kindergarten.....	600,841	594,647	613,213	625,783	664,915	697,468	733,974	772,957	872,835	988,680	1,016,186	1,084,203
First.....	3,167,803	3,018,463	2,991,738	2,930,762	2,919,242	2,878,843	2,881,949	2,894,588	2,896,457	2,951,300	3,067,375	3,170,345
Second.....	2,409,813	2,333,076	2,285,614	2,215,100	2,228,945	2,220,739	2,265,796	2,318,502	2,319,772	2,363,477	2,502,828	2,644,707
Third.....	2,263,910	2,263,510	2,263,910	2,175,245	2,179,843	2,162,878	2,173,078	2,190,617	2,204,573	2,258,858	2,314,645	2,395,904
Fourth.....	2,382,242	2,321,559	2,270,749	2,196,732	2,148,889	2,079,788	2,083,552	2,094,352	2,119,377	2,183,171	2,220,554	2,254,028
Fifth.....	2,295,080	2,247,692	2,211,935	2,168,018	2,101,723	2,007,988	2,007,988	2,006,120	2,012,212	2,055,115	2,088,826	2,150,678
Sixth.....	2,214,428	2,176,133	2,155,538	2,124,018	2,071,396	1,997,806	1,950,624	1,910,028	1,907,319	1,939,500	1,994,735	2,055,741
Seventh.....	2,140,420	2,107,667	2,089,791	2,060,732	2,022,580	1,964,997	1,897,743	1,836,897	1,830,394	1,897,740	1,919,462	1,947,227
Eighth.....	1,711,559	1,700,994	1,680,952	1,679,782	1,695,247	1,683,942	1,670,990	1,728,499	1,638,548	1,653,386	1,663,643	1,751,862
First year high school.....	1,963,360	2,011,341	2,034,316	1,927,040	1,897,750	1,774,593	1,742,873	1,728,499	1,761,020	1,672,920	1,708,838	1,766,303
Second year high school.....	1,718,287	1,767,312	1,792,615	1,705,746	1,653,586	1,519,638	1,529,857	1,555,302	1,583,245	1,502,743	1,499,477	1,511,906
Third year high school.....	1,432,500	1,485,093	1,517,344	1,450,788	1,374,470	1,230,108	1,236,883	1,255,907	1,308,592	1,271,645	1,267,483	1,273,826
Fourth year high school.....	1,216,121	1,281,725	1,322,641	1,273,141	1,170,319	1,009,611	1,015,959	1,032,420	1,119,968	1,130,805	1,126,022	1,122,872
Postgraduate.....	51,911	55,453	46,997	31,090	25,941	19,510	34,618	50,069	64,852	75,192	156,584	41,887
Percent in each grade:												
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Kindergarten.....	2.3	2.3	2.4	2.6	2.7	3.0	3.2	3.3	3.7	4.1	4.2	4.1
First.....	12.3	11.9	11.8	11.9	12.1	12.4	12.4	12.4	12.2	12.3	12.5	12.6
Second.....	9.4	9.2	9.0	9.0	9.2	9.5	9.7	10.0	9.8	9.9	10.2	10.5
Third.....	9.3	9.2	8.9	8.9	9.0	9.3	9.4	9.4	9.3	9.5	9.5	9.5
Fourth.....	9.2	9.1	9.0	8.9	8.9	8.9	9.0	9.0	9.0	9.1	9.1	9.0
Fifth.....	8.9	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.6	8.5	8.6
Sixth.....	8.6	8.6	8.5	8.7	8.6	8.6	8.4	8.2	8.1	8.1	8.2	8.2
Seventh.....	8.3	8.3	8.3	8.4	8.4	8.5	8.2	7.9	7.8	7.9	7.8	7.7
Eighth.....	6.7	6.7	6.7	6.8	7.0	7.3	7.2	7.1	6.9	6.9	6.9	7.0
First year high school.....	7.8	7.9	8.1	7.9	7.9	7.6	7.5	7.4	7.5	7.0	7.0	6.0
Second year high school.....	6.7	7.0	7.1	6.9	6.8	6.5	6.6	6.7	6.5	6.3	6.1	5.2
Third year high school.....	5.6	5.8	5.8	5.9	5.7	5.3	5.3	5.4	5.5	5.3	5.2	5.1
Fourth year high school.....	4.7	5.0	5.2	5.2	4.9	4.3	4.4	4.4	4.7	4.7	4.6	4.5
Postgraduate.....	.2	.2	.2	.1	.1	.1	.1	.2	.3	.3	.2	.2

1 Estimated.

2 Total elementary and high-school enrollment taken from special studies.

3 The class in the first grade, is estimated.

Distribution, by grade, is estimated.

Table 15.—Total public and nonpublic elementary school enrollment, and population 5-13 years of age: 1889-90 to 1949-50

Year	Enrollment, grades K to 8, inclusive		Population, 5-13 ¹ years of age	
	Number ²	Percent increase over 1889-90	Number	Percent increase over 1889-90
1	2	3	4	5
1889-90.....	14, 195, 143	-----	13, 188, 548	-----
1899-1900.....	16, 261, 846	14. 6	15, 385, 793	16. 7
1909-10.....	18, 528, 535	30. 5	17, 019, 650	29. 0
1919-20.....	20, 963, 722	47. 7	19, 992, 947	51. 6
1929-30.....	23, 717, 796	67. 1	22, 230, 101	68. 6
1939-40.....	21, 106, 655	48. 7	20, 024, 827	51. 8
1941-42.....	20, 418, 231	43. 8	³ 19, 635, 847	48. 9
1943-44.....	19, 891, 631	40. 1	³ 19, 649, 727	49. 0
1945-46.....	20, 051, 408	41. 3	³ 20, 040, 873	52. 0
1947-48.....	20, 828, 958	46. 7	³ 21, 603, 029	63. 8
1949-50.....	22, 201, 505	56. 4	22, 179, 756	68. 2

¹ U. S. Bureau of the Census data.

² Includes pupils in elementary grades of schools operated by teacher-training institutions of higher education, and pupils in residential schools for exceptional children.

³ Estimated.

Table 16.—Total public and nonpublic secondary school enrollment, and population 14-17 years of age: 1889-90 to 1949-50

Year	Enrollment, grades 9-12, and postgraduate		Population, 14-17 ¹ years of age		Number enrolled per 100 population, 14-17 years of age
	Number ²	Percent increase over 1889-90	Number	Percent increase over 1889-90	
1	2	3	4	5	6
1889-1890.....	359, 949	-----	5, 354, 653	-----	6. 7
1899-1900.....	699, 403	94. 3	6, 152, 231	14. 9	11. 4
1909-1910.....	1, 115, 398	209. 9	7, 220, 298	34. 8	15. 4
1919-1920.....	2, 500, 176	594. 6	7, 735, 841	44. 5	32. 3
1929-1930.....	4, 804, 255	1, 234. 7	9, 341, 221	74. 5	51. 4
1939-1940.....	7, 123, 009	1, 878. 9	9, 720, 419	81. 5	73. 3
1941-1942.....	6, 933, 265	1, 826. 2	³ 9, 547, 713	78. 3	72. 6
1943-1944.....	6, 030, 617	1, 575. 4	³ 9, 280, 273	73. 3	65. 0
1945-1946.....	6, 237, 133	1, 632. 8	³ 8, 903, 074	66. 3	70. 1
1947-1948.....	6, 305, 168	1, 651. 7	³ 8, 567, 971	60. 0	73. 6
1949-1950.....	6, 427, 042	1, 685. 5	8, 404, 757	57. 0	76. 6

¹ U. S. Bureau of the Census data.

² Includes pupils in secondary grades of schools operated by teacher-training institutions of higher education, subcollegiate students in preparatory departments of institutions of higher education, and high-school pupils in residential schools for exceptional children.

³ Estimated.

Table 17.—Number continuing through high school per 1,000 pupils enrolled in the first year of high school in public and nonpublic schools in the year indicated, by high-school year

High-school year	Number continuing, per 1,000 pupils in the first year in high schools in—												
	1934-35	1935-36	1936-37	1937-38	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47
1	2	3	4	5	6	7	8	9	10	11	12	13	14
I.....	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
II.....	847	835	845	868	885	891	838	837	822	862	892	885	884
III.....	687	700	725	751	760	721	660	640	668	707	725	736	748
IV.....	601	617	649	618	638	573	506	527	558	609	649	652	660
Graduates.....	541	554	579	583	582	540	469	490	526	577	616	618	625
Year of high-school graduation.....	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950

Consolidation and Transportation

The number of public elementary and secondary school pupils transported at public expense and, in consequence, the expenditure for such transportation have been increasing each biennium (table 20). In 1949-50 there were $3\frac{1}{2}$ times as many pupils transported at public expense as there were in 1929-30. This increase is due to a large extent to the decrease in the number of 1-teacher and other small schools by consolidation of schools and of administrative units. One-teacher schools have decreased in number from 149,300 in 1929-30 to 59,700 in 1949-50, a decrease of 60 percent (table 21).

Finances of Public Elementary and Secondary Schools

Revenue receipts of public elementary and secondary schools amounted to \$5.4 billion in 1949-50 (table 22). These receipts came from Federal, State, county, and local sources. In 1949-50 the proportion received from the several sources were: Federal, 3 percent; State, 40; county, 6; and local, 51. In 1929-30 the comparable percents were: 0.4; 16.9; 10.4; and 72.3. In analyzing the distribution of revenue receipts by source since 1929-30, it becomes evident that the receipts from Federal and State sources have increased, and that those from county and the local units have decreased.

Expenditures of public elementary and secondary school systems are classified as follows: Current expenditures (comprising administration, instruction, operation, maintenance, auxiliary services, and fixed charges); capital outlay; interest; and summer and part-time adult schools. Table 23 presents data by the foregoing classifications for 1929-30, and biennially from 1939-40 to 1949-50. Per capita and per pupil expenditure data may be found in table 13. In order to make these data more meaningful, beginning in 1929-30 they are presented in two ways: adjusted for the purchasing power of the 1949-50 dollar, and unadjusted.

Salaries of instructional staff (supervisors, principals, and teachers) amounted to \$2,896,000,000 in 1949-50, or 62 percent of the total current expenditures in public elementary and secondary schools in 1949-50. The average annual salary of the instructional staff was \$3,010, an increase of 109 percent over the 1939-40 average salary of \$1,441. When the purchasing power of the dollar is taken into consideration, the increase is only 24 percent, since the \$1,441 average salary in 1939-40 was equivalent to \$2,437 in 1949-50 dollars.

The total investment (cost value) in the public-school plant (sites buildings, and equipment) in 1949-50 was \$11.4 billion (table 24), or \$511 for each pupil in average daily attendance (table 27). In addition, permanent school funds were valued at almost a billion dollars, and school lands, at half a billion.

Selected data from "Statistics of State School Systems" ¹

In general this summary presents data on a National basis, rather than State by State. There are some items, however, for which there are significant differences among the States. Items of this type have been selected from "Statistics of State School Systems" and presented in tables 26 and 27. The data are derived: i. e., they are either averages, such as average number of pupils enrolled per teacher, average annual salary of instructional staff, or average length of school term; or percentages, such as percent of pupils enrolled attending daily, percent of total number of pupils in secondary grades, percent of population 5-17 enrolled in public schools, or percent of revenue receipts by source (Federal, State, county, or local); or annual expenditure per pupil in average daily attendance, by type of expenditure.

Federally Aided Vocational Education

Enrollments in federally aided vocational classes of less-than-college grade, in the fields of agriculture, distributive occupations, home economics, and trades and industry, numbered 3.4 million pupils in 1949-50 (tables 28 and 29). Federal allotments for these classes, provided by the Smith-Hughes and the George-Barden Acts, amounted to more than \$27 million dollars; in addition, State and local funds amounted to \$102 million dollars (table 30). The "Digest of Annual Reports of State Boards for Vocational Education, Fiscal Year Ended June 30, 1950" (Federal Security Agency, Office of Education) presents detailed enrollment and financial data by State and by field of study, for these vocational classes.

¹ Chapter 2 of *Biennial Survey of Education in the United States, 1948-50*. Washington, U. S.: Government Printing Office, 1952.

Table 19.—Number of high-school graduates¹ compared with population 17 years of age: 1869-70 to 1949-50

Year	Population 17 years old ²	High-school graduates			Number graduated per 100 persons 17 years of age
		Total	Boys	Girls	
1	2	3	4	5	6
1869-70.....	815,000	16,000	7,064	8,936	2.0
1879-80.....	946,026	23,634	10,605	13,029	2.5
1889-90.....	1,259,177	43,731	18,549	25,182	3.5
1899-1900.....	1,489,146	94,883	38,075	56,808	6.4
1909-10.....	1,786,240	156,429	63,676	92,753	8.8
1919-20.....	1,855,173	311,266	123,684	187,582	16.8
1929-30.....	2,295,822	666,904	300,376	366,528	29.0
1939-40.....	2,403,074	1,221,475	578,718	642,757	50.8
1941-42.....	2,425,574	1,242,375	576,717	665,658	51.2
1943-44.....	2,410,389	1,019,233	423,971	595,262	42.3
1945-46.....	2,254,738	1,080,633	466,926	613,707	47.9
1947-48.....	2,202,927	1,189,909	562,863	627,046	54.0
1949-50.....	2,034,450	1,199,700	570,700	629,000	59.0

¹ Includes graduates from public and nonpublic schools.² U. S. Bureau of the Census; estimates for last 5 periods.**Table 20.—Number of pupils transported at public expense, and expenditures for transportation: 1929-30 to 1949-50**

Year	Number of pupils trans- ported at pub- lic expense	Expenditure of public funds for transportation exclud- ing capital outlay (thous- ands)
1929-30.....	1,902,826	\$54,823
1931-32.....	2,419,173	58,078
1933-34.....	2,794,724	53,908
1935-36.....	3,250,658	62,653
1937-38.....	3,769,242	75,637
1939-40.....	4,144,161	83,283
1941-42.....	4,503,081	92,922
1943-44.....	4,512,412	107,754
1945-46.....	5,056,966	129,756
1947-48.....	5,854,041	176,265
1949-50.....	6,947,384	214,504

Table 21.—Decrease in number of 1-teacher public schools: 1929-30 to 1949-50

Year	Number of 1-teacher schools	Percent decrease since 1929-30
1929-30.....	¹ 149,282	-----
1931-32.....	¹ 143,390	-3.9
1933-34.....	¹ 139,166	-6.8
1935-36.....	¹ 131,101	-12.2
1937-38.....	121,178	-18.8
1939-40.....	113,600	-23.9
1941-42.....	107,692	-27.9
1943-44.....	96,302	-35.5
1945-46.....	86,563	-42.0
1947-48.....	75,096	-49.7
1949-50.....	59,652	-60.0

United States Department of the Interior, Office of Education. *Are the 1-teacher schools passing?* By W. H. Gaumnitz. (Pamphlet No. 92), p. 12.

Table 22.—Amount of revenue receipts of public elementary and secondary schools, and percentage distribution by source: 1929-30 to 1949-50

Year	Revenue receipts					
	Total amount ¹ (thousands)	Total Percent	Percentage from—			
			Federal	State	County	Local
1	2	3	4	5	6	7
1929-30.....	\$2,088,557	100.0	0.4	16.9	10.4	72.3
1931-32.....	2,068,029	100.0	.4	19.8	8.8	71.0
1933-34.....	1,810,652	100.0	1.2	23.4	9.3	66.1
1935-36.....	1,971,402	100.0	.5	29.3	7.1	63.1
1937-38.....	2,222,885	100.0	1.2	29.5	6.5	62.8
1939-40.....	2,260,527	100.0	1.7	30.3	6.7	61.3
1941-42.....	2,416,580	100.0	1.4	31.5	6.2	60.9
1943-44.....	2,604,322	100.0	1.4	33.0	5.6	60.0
1945-46.....	3,059,845	100.0	1.4	34.7	6.0	57.9
1947-48.....	4,311,534	100.0	2.8	38.9	5.3	53.0
1949-50.....	5,437,044	100.0	2.9	39.8	6.0	51.3

¹ Includes income from subsidies from educational foundations, which amounts to less than 0.05 per cent of the total.

Table 23.—Expenditures of State school systems (elementary and secondary education), excluding debt retirement, by purpose, for specified years**[Thousands of dollars]**

Purpose	1929-30	1939-40	1941-42	1943-44	1945-46	1947-48	1949-50
1	2	3	4	5	6	7	8
Total current expenditure¹	\$1,843,552	\$1,941,799	\$2,067,660	\$2,293,337	\$2,707,441	\$3,794,702	\$4,687,274
Administration or general control.....	78,680	91,571	101,463	110,631	132,899	169,999	220,050
Instruction.....	1,317,727	1,403,285	1,457,877	1,590,634	1,853,911	2,571,539	3,112,340
Operation.....	216,072	194,365	209,788	238,774	270,280	356,628	427,587
Maintenance.....	78,810	73,321	78,862	77,324	101,254	169,536	214,164
Auxiliary services.....	101,993	129,141	138,951	169,523	213,617	336,688	451,663
Fixed charges.....	50,270	50,116	80,719	106,452	135,480	190,311	261,469
Capital outlay.....	370,873	257,974	137,552	53,856	111,046	412,467	1,014,176
Interest.....	92,536	130,909	108,781	96,805	76,923	76,331	100,578
Summer and part-time adult schools.....	9,825	13,367	8,704	8,583	11,477	27,676	35,614

¹ Current expenditure for day schools includes only: administration or general control, instruction, operation, maintenance, auxiliary services, and fixed charges.

Table 24.—Cost of physical property, and value of permanent school funds and school lands for public elementary and secondary schools: 1949-50**[Thousands of dollars]**

Item	Amount
Grand total	\$12,756,860
Cost of public-school property ¹	11,396,804
Value of permanent school funds.....	877,245
State.....	779,608
County.....	70,510
Local.....	27,127
Estimated value of school lands.....	482,811

¹ Includes sites, buildings, and equipment (furniture, libraries, apparatus, etc.).

Table 25.—Statement of retirement funds for staff of public elementary and secondary schools, as of July 1, 1950

[Thousands of dollars]

Balance on hand at beginning of year (cash and investments) usually July 1, 1949.....	\$2, 228, 762
Amounts added during the year:	
State.....	\$129, 295
Local units.....	78, 295
Participants.....	147, 957
Earnings and other receipts.....	76, 900
	<hr/> 432, 447
Total balances, earnings and receipts.....	2, 661, 209
Payments:	
Losses, retirements, and expense of operation.....	165, 809

Balance on hand, July 1, 1950 (cash and investments)..... 2, 495, 400**Table 26.—Average length of school term; attendance, enrollment, and transportation ratios; and pupil-teacher ratio, in public elementary and secondary schools, by State: 1949-50**

State, by Region	Average length of school term in days	Percent of—				Number of pupils enrolled per teacher
		Population 5-17 years of age enrolled in public schools	Pupils enrolled attend- ing daily	Total en- rollment in secondary grades (9-12 and post- graduate)	Pupils enrolled transported at public expense	
1	2	3	4	5	6	7
Continental United States.....	177.9	81.6	88.7	22.7	27.7	27.5
NEW ENGLAND.....	178.7	76.2	89.4	25.6	20.0	25.5
Maine.....	180.0	82.3	91.5	21.6	34.6	25.0
New Hampshire.....	176.5	70.6	91.5	25.7	31.8	25.5
Vermont.....	170.1	77.2	92.0	19.5	24.3	25.4
Massachusetts.....	178.4	75.1	88.6	28.2	13.9	25.7
Rhode Island.....	180.0	70.1	87.0	26.0	10.4	24.2
Connecticut.....	180.7	79.1	89.8	23.2	24.7	25.6
MIDDLE ATLANTIC.....	182.5	75.5	87.4	26.7	18.4	26.0
New York.....	182.6	75.1	85.1	27.0	15.1	25.1
New Jersey.....	182.2	80.2	86.4	26.6	18.8	24.9
Pennsylvania.....	182.6	74.2	90.8	26.3	22.4	27.9
EAST NORTH CENTRAL.....	180.4	78.9	90.4	24.6	23.9	26.8
Ohio.....	178.0	82.4	92.3	23.8	31.6	27.6
Indiana.....	173.7	87.4	85.4	24.0	37.7	29.4
Illinois.....	186.6	73.7	89.4	24.5	14.7	24.4
Michigan.....	180.0	80.4	92.3	24.3	19.9	28.8
Wisconsin.....	181.9	71.1	91.0	28.0	16.2	23.7
WEST NORTH CENTRAL.....	174.9	85.2	88.1	24.2	20.8	23.2
Minnesota.....	171.5	78.8	90.2	25.5	28.1	24.6
Iowa.....	179.3	89.7	87.5	23.6	31.8	22.4
Missouri.....	179.1	86.3	86.6	22.6	17.5	28.7
North Dakota.....	172.7	78.2	90.0	23.4	15.7	17.5
South Dakota.....	175.0	81.4	90.4	24.7	4.5	16.5
Nebraska.....	177.4	85.4	89.3	26.2	13.2	19.1
Kansas.....	¹ 165.1	91.3	86.5	25.0	14.1	23.2

¹ Statistics, 1947-48.

Table 26.—Average length of school term; attendance, enrollment, and transportation ratios; and pupil-teacher ratio, in public elementary and secondary schools, by State: 1949-50—Continued

State, by Region	Average length of school term in days	Percent of—				Number of pupils enrolled per teacher
		Population 5-17 years of age enrolled in public schools	Pupils enrolled attending daily	Total enrollment in secondary grades (9-12 and post-graduate)	Pupils enrolled transported at public expense	
1	2	3	4	5	6	7
Continental United States—Con.						
SOUTH ATLANTIC	179.1	82.8	88.8	19.5	37.5	30.1
Delaware.....	181.9	75.4	88.7	23.3	30.5	24.9
Maryland.....	184.1	72.0	89.1	19.4	34.7	30.3
Virginia.....	180.0	79.7	89.8	16.8	46.8	31.4
West Virginia.....	175.0	87.2	91.0	20.5	40.0	31.0
North Carolina.....	179.9	84.9	90.2	20.5	45.8	32.2
South Carolina.....	177.4	85.9	83.7	16.0	26.4	29.5
Georgia.....	178.0	85.0	86.3	20.4	33.9	29.5
Florida.....	180.0	81.5	92.2	21.5	35.5	26.5
District of Columbia.....	176.0	84.2	86.9	22.6	.2	29.0
EAST SOUTH CENTRAL	170.0	84.9	87.8	17.3	38.8	31.3
Kentucky.....	171.2	78.1	86.0	17.0	33.6	31.1
Tennessee.....	176.7	81.7	88.4	18.2	38.3	29.7
Alabama.....	176.3	86.8	87.4	18.3	42.9	31.5
Mississippi.....	152.5	91.2	89.5	15.3	39.7	33.8
WEST SOUTH CENTRAL	176.9	82.0	86.6	20.1	37.3	28.3
Arkansas.....	173.9	85.1	87.2	19.2	47.5	31.7
Louisiana.....	179.0	75.3	87.0	17.3	52.7	30.9
Oklahoma.....	184.2	86.5	89.3	23.0	32.4	27.7
Texas.....	174.6	82.4	85.4	20.4	30.4	26.9
MOUNTAIN	176.5	84.2	88.5	22.6	26.0	26.6
Montana.....	183.5	84.1	89.1	24.6	24.6	23.1
Idaho.....	175.8	86.5	90.8	25.4	39.3	27.5
Wyoming.....	175.0	95.2	82.1	22.8	25.3	23.4
Colorado.....	176.1	83.3	87.8	22.9	18.4	24.8
New Mexico.....	180.0	83.2	81.2	18.4	22.9	30.4
Arizona.....	170.9	76.8	90.9	19.9	31.5	27.1
Utah.....	175.3	89.5	92.6	25.2	27.5	31.3
Nevada.....	176.6	83.3	99.9	22.3	17.0	21.7
PACIFIC	175.2	92.1	91.5	23.1	24.2	30.2
Washington.....	173.8	88.5	89.0	22.9	36.7	27.4
Oregon.....	179.2	86.1	89.6	26.0	41.9	24.9
California.....	175.0	93.8	92.4	22.7	18.8	31.9
Outlying parts of the United States						
Alaska.....	175.0	66.7	77.2	16.7	-----	26.3
American Samoa.....	-----	-----	-----	12.9	-----	24.5
Canal Zone.....	187.3	-----	87.8	20.3	.8	30.8
Guam.....	-----	-----	-----	13.4	-----	31.8
Hawaii.....	171.7	78.3	95.1	27.6	-----	27.9
Puerto Rico.....	191.0	58.0	90.1	11.7	.6	45.7
Virgin Islands.....	180.9	62.5	93.9	13.6	-----	33.1

Table 27.—Financial data for public elementary and secondary day schools, by State: 1949-50

State, by region	Percentage analysis of revenue receipts, by source ¹				Average annual salary per unit of instructional staff ²	Annual expenditure per pupil in average daily attendance for—			Expenditure of public funds for transportation, ³ per pupil transported	Cost of school property per pupil in average daily attendance
	Federal	State	County	Local		Current expenditure	Interest	Capital outlay		
1	2	3	4	5	6	7	8	9	10	11
Continental United States	2.9	39.8	6.0	51.3	\$3,010	\$208.83	\$4.51	\$45.51	\$30.88	\$511
NEW ENGLAND	1.8	21.4		76.8	3,153	227.10	1.43	33.24	38.54	615
Maine	2.4	27.8		69.7	2,115	157.47	.61	15.26	34.44	353
New Hampshire	3.8	6.2		90.0	2,712	210.51	1.40	43.89	46.61	472
Vermont	3.3	27.5		69.2	2,348	192.87	1.00	10.89	55.10	399
Massachusetts	1.4	20.6		78.0	3,338	236.44	.22	21.82	37.22	688
Rhode Island	2.2	20.2		77.6	3,294	240.40	3.98	10.49	48.45	747
Connecticut	1.3	23.6		75.1	3,558	254.62	3.91	79.99	35.85	644
MIDDLE ATLANTIC	1.1	35.1	.2	63.6	3,433	262.38	7.72	41.65	39.21	770
New York	1.1	40.0		58.9	3,706	295.02	10.40	51.41	45.48	929
New Jersey	1.1	18.9		78.8	3,511	279.81	8.44	49.29	34.28	689
Pennsylvania	1.2	33.1	1.2	63.7	3,006	215.76	4.19	26.70	35.55	612
EAST NORTH CENTRAL	1.5	31.3	1.6	65.6	3,296	227.93	4.92	52.23	38.72	619
Ohio	1.7	31.4	.2	66.7	3,088	202.12	4.75	54.43	25.53	552
Indiana	1.8	37.4	1.8	59.0	3,401	235.49	5.77	27.36	33.35	408
Illinois	1.2	16.5	.1	82.2	3,458	238.46	6.70	69.02	54.29	768
Michigan	1.2	53.4	4.4	43.0	219.55	230.01	4.88	52.97	44.64	640
Wisconsin	2.5	17.4	11.9	68.2	3,007	230.01	.71	39.27	69.97	676
WEST NORTH CENTRAL	2.1	27.1	7.3	63.5	2,550	214.76	3.65	24.66	55.09	531
Minnesota	2.0	36.3	7.2	54.5	3,013	242.24	1.91	27.94	67.93	553
Iowa	2.0	19.1	.8	78.1	2,420	230.53	1.99	40.73	43.80	490
Missouri	2.7	38.9	5.9	52.4	2,581	173.57	7.46	20.44	43.05	468
North Dakota	2.0	27.0	18.2	52.8	2,324	226.27	11.36	11.36	63.58	648
South Dakota	2.2	12.1	3.1	82.6	2,064	230.34	2.68	21.45	169.15	486
Nebraska	1.8	6.2	1.5	91.5	2,292	217.07	2.45	12.30	39.55	553
Kansas	1.5	24.0	17.9	56.6	2,628	218.57	2.55	19.52	76.37	684

SOUTH ATLANTIC										7.4	52.6	21.5	18.5	2,531	162.09	2.30	36.49	19.97	337
Delaware	2.2	83.5								14.3				3,273	258.77	2.44	57.97	31.90	612
Maryland	2.7	39.3								27.3				3,504	213.39	6.72	91.74	26.74	493
Virginia	3.1	39.6								23.0				2,338	145.86	1.30	30.76	18.39	381
West Virginia	4.5	62.7												2,425	148.86	4.08	24.09	19.22	363
North Carolina	9.8	67.5								6.6				2,638	140.82	2.53	35.10	15.08	290
South Carolina	12.2	55.2								16.1				1,891	122.39	1.37	18.80	23.37	219
Georgia	14.2	57.4								10.3				1,963	123.37	1.51	18.47	24.91	255
Florida	4.5	50.8								23.1				2,938	181.27	4.63	42.50	19.59	350
District of Columbia	9.4									90.6				3,920	256.24		71.47	158.26	828
EAST SOUTH CENTRAL																			
Kentucky	8.4	54.2								17.1				1,983	113.78	.71	20.35	19.73	187
Tennessee	10.2	35.1								26.7				1,936	120.82	1.06	10.56	21.24	271
Alabama	9.8	56.9								9.2				2,302	132.17	.81	46.05	20.35	171
Mississippi	5.0	71.6								11.4				2,111	117.09	.81	14.36	16.82	162
West South Central	8.5	47.8								30.6				1,416	79.69	.09	6.20	21.66	152
Arkansas	3.1	62.3								28.0				2,853	194.68	6.42	38.58	24.61	396
Louisiana	7.1	58.1								32.9				1,801	111.71	3.03	38.35	19.10	278
Oklahoma	3.2	69.6								7.4				2,983	214.08	4.00	49.02	24.67	332
Texas	3.6	56.5								36.6				2,736	207.05	3.55	11.74	25.30	485
Mountain	2.2	61.8								3.3				3,122	208.88	9.31	43.78	26.91	425
Montana	2.8	38.3								13.1				3,003	220.48	3.85	60.70	43.47	505
Idaho	5.2	25.3								34.7				2,967	207.56	1.52	57.00	79.89	535
Wyoming	2.2	23.4								56.3				2,481	186.00	3.07	47.48	39.83	418
Colorado	2.6	42.0								46.8				2,798	262.77	4.80	33.67	67.20	581
New Mexico	1.5	20.2								66.2				2,821	210.66	6.04	68.56	44.32	564
Arizona	2.1	20.9								5.9				3,215	222.48	2.55	50.77	61.28	478
Utah	3.0	33.8								52.6				3,556	240.70	4.59	83.02	20.34	489
Nevada	2.7	50.3								47.0				3,103	178.56	2.68	53.94	23.91	456
Pacific	8.5	36.5								30.5				3,209	246.22	5.93	96.49	58.92	644
Washington	2.6	43.4								52.3				4,006	262.73	6.37	106.08	32.46	525
Oregon	4.6	65.6								29.2				3,487	247.63	2.56	64.26	28.78	721
California	1.4	28.6								68.7				3,323	280.75	8.17	119.38	32.81	665
Outlying parts of the United States	2.4	41.3								54.4				4,268	263.51	6.96	113.40	34.00	462
Alaska	1.3	73.1																	
Canal Zone	92.0									25.6				4,268	317.19		64.81		629
Hawaii	2.3	83.2								8.0				3,518	196.40		5.88	210.49	
Puerto Rico	10.9	89.1								14.6				3,508	214.82		10.32		
Virgin Islands	28.8									71.2				1,509	70.21		2.04	18.03	716

¹ Does not include subsidies from educational foundations.

² Instructional staff consists of supervisors, principals, and teachers.

³ Excludes capital outlay.

⁴ An incomplete figure for interest was submitted.

⁵ Not comparable with other States since salaries of junior college staff are included.

Table 28.—Enrollment in Federally aided vocational classes, by type of program: 1930-31 to 1949-50

Year	Total	Type of program			
		Agriculture	Distributive occupations	Home economics	Trades and industry
1	2	3	4	5	6
1930-31.....	1,047,676	235,153	-----	220,248	592,275
1931-32.....	1,077,844	252,199	-----	265,495	560,150
1932-33.....	1,034,110	264,131	-----	280,079	489,900
1933-34.....	1,051,000	286,150	-----	297,851	466,999
1934-35.....	1,178,896	325,685	-----	349,346	503,865
1935-36.....	1,255,861	343,809	-----	374,901	537,151
1936-37.....	1,344,728	386,302	-----	377,436	580,990
1937-38.....	1,810,082	460,876	36,008	627,394	685,804
1938-39.....	2,083,757	538,586	88,429	741,503	715,239
1939-40.....	2,290,741	584,133	129,433	818,766	758,409
1940-41.....	2,429,054	596,033	156,615	871,891	804,515
1941-42.....	2,624,786	605,099	215,019	954,041	850,597
1942-43.....	2,281,743	491,967	297,534	873,771	618,471
1943-44.....	2,001,153	469,959	181,509	806,605	543,080
1944-45.....	2,012,931	446,953	152,781	890,464	522,733
1945-46.....	2,227,663	510,331	174,672	911,816	630,844
1946-47.....	2,508,618	584,533	235,141	968,816	720,098
1947-48.....	2,836,121	640,791	292,936	1,139,766	762,628
1948-49.....	3,095,513	651,604	313,475	1,378,521	801,913
1949-50.....	3,364,613	764,975	364,670	1,430,366	804,602

Table 29.—Enrollment in federally aided vocational classes, by type of class and type of program: 1949-50

Type of school	Total	Agriculture	Distributive occupations	Home economics	Trade and industry
1	2	3	4	5	6
Total.....	3,364,613	764,975	364,670	1,430,366	804,602
Evening.....	1,520,971	345,007	239,554	666,676	269,734
Part-time.....	596,295	43,071	125,116	115,979	312,129
All-day.....	1,243,419	373,113	-----	647,567	222,739
Day-unit.....	3,928	3,784	-----	144	-----

Table 30.—Expenditure of Federal, State, and local funds for vocational education: 1930-31 to 1949-50

[Thousands of dollars]

Year	Expenditure ¹			Year	Expenditure ¹		
	Total	From Federal funds	From State and local funds		Total	From Federal funds	From State and local funds
1	2	3	4	1	2	3	4
1930-31.....	32,143	7,979	24,164	1940-41.....	57,705	20,547	37,159
1931-32.....	32,402	8,415	24,988	1941-42.....	59,023	20,758	38,265
1932-33.....	30,127	7,728	22,399	1942-43.....	63,488	20,307	43,182
1933-34.....	28,188	6,951	21,237	1943-44.....	64,299	19,958	44,341
1934-35.....	29,290	9,372	19,918	1944-45.....	65,642	20,005	45,637
1935-36.....	33,428	9,749	23,679	1945-46.....	72,807	20,628	52,179
1936-37.....	36,399	10,014	26,386	1946-47.....	83,252	21,087	62,165
1937-38.....	44,995	17,737	27,257	1947-48.....	103,339	26,200	77,139
1938-39.....	52,668	19,435	33,234	1948-49.....	115,131	26,409	88,722
1939-40.....	55,081	20,004	35,077	1949-50.....	128,717	26,623	102,094

¹ For agriculture, trade and industry, home economics, teacher training, and distributive education.

Statistics of City School Systems

The Office of Education, as a chapter of its *Biennial Survey of Education*, collects and publishes data on city school systems. By definition, a city school system is a school district located in a municipality of 2,500 population or more. In some instances there are 2 or more districts within a city. Not all cities, however, maintain separately organized school systems, since some are administered as a part of a larger unit, such as a county, and are not included in the chapter on statistics of city school systems. Table 31 presents a comparative summary of data for city school systems, by city-size group for: number of systems; number of schools; number of staff members, by type; enrollment, by level; aggregate and average daily attendance data; and certain derived data. Table 32 presents financial data (receipts and expenditures) for these city systems.

Expenditure Per Pupil in City School Systems

City school systems show great variation in current expenditure per pupil in average daily attendance, ranging from a low of \$76 in cities of 2,500 to 9,999 population to \$385 in cities of 30,000 to 99,999 population (table 33). The median expenditure per pupil increased as the city-size increased: from \$187 per pupil in cities of 2,500 to 9,999 to \$247 in the largest cities of 100,000 population or more.

Higher Education

General Trends

Higher education in the United States has expanded greatly during the past 60 years—in number of staff members, in enrollments, in number of degrees conferred, and concurrently, in amount of income and of expenditures, and in value of property and of endowment funds (table 34).

Staff

During 1949–50 there were 210,000 persons (full-time equivalent) serving on the faculties of institutions of higher education. Twenty-five percent of this number were women. At the turn of the century, 19.8 percent of the administrative and instructional staff were women. This percent rose to 20.1 in 1909–10, to 26.3 in 1919–20, to 27.2 in 1929–30, to 28.1 in 1939–40, and reached its peak of 31.0 in 1945–46. Since then there has been a gradual decrease, to 27.0 in 1947–48, and to 25 percent in 1949–50.

Table 31.—Comparative summary of general statistical data of public school systems in cities of 2,500 population and more: 1949-50

Item	City-size groups: Based on U. S. Census of 1940 ¹					
	All groups combined	Group I 100,000 population and more	Group II 30,000 to 99,999 population	Group III 10,000 to 29,999 population	Group IV 5,000 to 9,999 population	Group V 2,500 to 4,999 population
1	2	3	4	5	6	7
Number of city school systems ²	3,141	89	249	726	902	1,175
Number of schools.....	36,466	12,369	5,929	7,615	5,364	5,189
Staff (Number of positions):						
Administrative.....	5,579	1,178	948	1,106	1,052	1,295
Instructional:						
Supervisors.....	5,823	1,935	1,479	1,523	593	293
Principals.....	20,070	7,849	3,500	4,022	2,549	2,150
Teachers and other ³	448,171	181,161	78,865	86,285	54,976	46,884
Kindergarten (in- cluding nursery school):						
Women.....	14,342	7,395	2,280	2,385	1,274	1,008
Elementary:						
Men.....	19,011	7,227	2,837	3,591	2,852	2,504
Women.....	224,881	92,192	39,655	42,731	27,304	22,999
Secondary:						
Men.....	78,231	29,531	13,485	15,750	10,284	9,181
Women.....	106,525	41,949	19,552	20,964	13,032	11,028
College (Junior, etc.):						
Men.....	3,424	2,078	623	504	111	108
Women.....	1,757	789	433	360	119	56
Clerical:						
Administrative.....	13,040	6,547	2,018	2,431	1,081	963
Instructional.....	14,350	8,199	3,157	1,434	938	622
Enrollment.....	12,696,724	5,427,182	2,112,295	2,352,285	1,523,095	1,281,867
Kindergarten (including nur- sery schools).....	801,613	444,692	123,934	119,130	63,641	50,216
Elementary.....	7,394,319	3,049,819	1,225,236	1,375,968	947,134	796,162
Secondary.....	4,329,185	1,813,242	735,281	839,234	508,533	432,895
College (Junior, etc.).....	171,607	119,429	27,844	17,953	3,787	2,594
Average daily attendance.....	11,039,945	4,623,163	1,859,880	2,085,589	1,339,399	1,131,914
Aggregate number of days at- tended.....	2,002,707,581	855,750,709	335,335,123	370,390,160	239,327,333	201,904,256
Derived statistics:						
Number of pupils in average daily attendance per teacher.....	24.6	25.5	23.5	24.2	24.4	24.1
Number of pupils enrolled per teacher.....	28.3	30.0	26.8	27.3	27.7	27.3
Percent of enrollment in aver- age daily attendance.....	87	85	88	89	88	88
Average number of days at- tended by each pupil enrolled.....	158	158	150	157	157	158
Average number of days taught.....	181	185	150	178	179	178

¹ The 1950 U. S. Census figures for population were not available for these 1949-50 tabulations.² The independent city school district is an independent governmental unit not to be confused with the unit of government for the municipality. Not all cities have independent school systems: some are administered as a part of a larger administrative unit, such as the county. The boundaries of an independent city school district may or may not be coterminous with those of the municipality. In some instances a municipality may contain two independent school district systems.³ "Other" instructional staff includes librarians, psychologists, guidance and placement officers, test and measurement officers, study-hall teachers, visiting teachers, etc.

Table 32.—Comparative summary of fiscal data of public-school systems in cities of 2,500 population and more: 1949-50**[Thousands of dollars ¹]**

Item	City-size groups: Based on U. S. Census of 1940 ²					
	All groups combined	Group I 100,000 population and more	Group II 30,000 to 99,999 pop- ulation	Group III 10,000 to 29,999 pop- ulation	Group IV 5,000 to 9,999 pop- ulation	Group V 2,500 to 4,999 pop- ulation
1	2	3	4	5	6	7
RECEIPTS AND BALANCES						
Total revenue receipts.....	\$2,978,898	\$1,372,619	\$506,918	\$516,203	\$303,719	\$279,439
Total nonrevenue receipts.....	461,871	173,657	93,190	110,111	51,416	33,496
Balances from previous year.....	764,627	302,867	150,439	152,576	87,384	71,361
Grand total	4,205,396	1,849,144	750,546	778,891	442,519	384,296
EXPENDITURES						
Administration:						
Business.....	40,915	19,052	7,150	7,472	5,026	2,215
Educational.....	48,269	18,219	6,092	8,445	6,967	8,547
Total	89,184	37,271	13,242	15,917	11,992	10,762
Instruction (full-time day schools):						
Salaries:						
Supervisors.....	27,826	10,831	6,974	6,471	2,321	1,229
Principals.....	99,447	45,169	17,425	17,646	10,671	8,535
Teachers and other instructional staff.....	1,540,521	711,425	271,670	267,539	159,602	130,284
Clerks.....	40,263	24,926	6,931	4,839	2,154	1,413
Other (textbooks, supplies, school libraries, etc.).....	91,827	34,277	16,979	18,783	11,635	10,153
Total	1,799,884	826,629	319,980	315,278	186,383	151,614
Operation of school plant (janitor's wages, fuel, light, etc.).....	258,674	116,390	47,297	46,814	26,540	21,633
Maintenance of school plant (repairs and replacements).....	129,352	61,209	24,025	21,762	12,055	10,302
Auxiliary school services (health, school lunch, transportation, etc.).....	102,256	40,893	13,306	18,164	14,605	15,288
Fixed charges (rent, insurance, taxes, contributions to retirement funds, etc.).....	92,858	62,175	8,975	10,199	6,264	5,245
Current expenditures allocable to pupils in full-time day schools:						
Total	2,472,207	1,144,567	426,824	428,132	257,839	214,844
Per pupil ³ (dollars)	223.93	247.57	229.49	205.27	192.50	189.81
Auxiliary community services ⁴ (public libraries, public recreation, services to nonpublic schools, etc.).....	14,226	8,200	2,377	1,797	840	1,012
Fixed charges (transfers, refunds, etc.).....	14,893	5,217	2,862	3,005	1,555	2,254
Current expenditures not allocable to pupils.....	29,118	13,417	5,239	4,802	2,395	3,266
Part-time education:						
Adult, Americanization, continuation, etc.....	39,178	23,720	5,902	4,042	2,451	3,064
Summer schools (publicly supported).....	4,394	2,857	793	617	82	46
Total	43,572	26,577	6,695	4,659	2,532	3,110

See footnotes at end of table.

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Table 32.—Comparative summary of fiscal data of public-school systems in cities of 2,500 population and more: 1949-50—Continued

[Thousands of dollars ¹]

Item	City-size groups: Based on U. S. Census of 1940 ²					
	All groups combined	Group I 100,000 population and more	Group II 30,000 to 99,999 pop- ulation	Group III 10,000 to 29,999 pop- ulation	Group IV 5,000 to 9,999 pop- ulation	Group V 2,500 to 4,999 pop- ulation
1	2	3	4	5	6	7
EXPENDITURES—Continued						
Capital outlay:						
Sites, new buildings, additions, etc.-----	432,916	157,429	81,572	96,583	51,182	46,151
New equipment-----	60,030	16,665	12,442	14,661	8,598	7,665
Total -----	492,946	174,094	94,014	111,244	59,780	53,815
Debt service from current funds (interest, retirement of bonds and loans, payments into sinking funds, etc.)-----	265,997	145,064	47,342	35,160	21,775	16,657
Grand total expenditures -----	3,303,841	1,503,719	580,113	583,996	344,321	291,692
Balances carried to following year--	901,573	345,425	170,433	194,913	98,198	92,605
Total expenditures and balances -----	4,205,415	1,849,144	750,546	778,909	442,519	384,296

^{*}In average daily attendance.¹ Each figure has been independently rounded to the nearest thousand from figures computed to the last digit; hence, the sum of parts shown may differ slightly from the totals shown.² The 1950 U. S. Census population figures were not available for these 1949-50 tabulations.³ Paid from school funds.Table 33.—Current expenditure per pupil in average daily attendance in 291 city school systems: 1949-50 ¹

Size of city	Number of cities	Expenditure per pupil		
		Median	Range	Arithmetic mean
1	2	3	4	5
Group I, 100,000 population or more-----	61	\$226.66	\$121.85-\$326.81	[*] \$246.71
Group II, 30,000 to 99,999 population-----	68	224.62	127.27- 385.33	221.91
Group III, 10,000 to 29,999 population-----	82	198.44	86.03- 349.36	206.65
Group IV, 2,500 to 9,999 population-----	80	184.54	75.89- 407.47	187.24

¹ *Expenditure Per Pupil in City School Systems: 1949-50* (Office of Education Circular No. 292)² \$221.82 excluding the 5 cities with population of 1,000,000 or more.

Table 34.—Historical summary of higher education: 1889-90 to 1949-50

Item	1889-90	1890-1000	1900-10	1910-20	1920-30	1930-40	1941-42	1943-44	1945-46	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10	11	12
STAFF¹											
Total	15,809	28,868	36,480	48,615	82,386	131,552	134,137	134,451	136,032	196,300	210,349
Men	12,704	19,151	29,132	35,807	60,017	94,536	96,251	93,794	93,876	143,243	157,091
Women	3,105	4,717	7,348	12,808	22,369	37,016	37,886	40,657	42,156	53,057	52,658
RESIDENT COLLEGE ENROLLMENTS²											
Total	156,756	237,592	235,213	597,880	1,100,737	1,494,203	1,403,990	1,155,272	1,676,851	2,616,262	2,659,021
Men	100,453	152,254	214,648	214,938	619,935	893,250	818,559	578,948	927,662	1,836,339	1,853,068
Women	56,303	85,338	140,565	282,942	480,802	600,953	585,431	576,324	749,189	779,923	805,953
DEGREES											
Bachelor's including first professional:											
Total	15,539	27,410	27,109	48,622	122,484	186,500	185,346	125,863	136,174	271,019	432,058
Men	12,857	22,173	28,762	31,980	73,615	109,546	103,889	55,845	58,664	175,456	328,841
Women	2,682	5,237	8,437	16,642	48,869	76,954	81,457	69,998	77,510	95,563	103,217
Master's or second professional:											
Total	1,009	1,583	3,771	4,301	415,043	26,731	24,648	13,414	19,209	42,400	58,183
Men	816	1,280	3,051	3,005	8,997	16,508	14,179	5,711	9,484	28,899	41,220
Women	193	303	680	1,296	6,046	10,223	10,469	7,703	9,725	13,501	16,963
Doctor's:											
Total	126	369	420	454	4,216	3,290	3,497	2,305	1,966	4,188	6,633
Men	119	348	376	471	1,870	2,861	3,036	1,880	1,580	3,687	5,990
Women	7	21	44	93	346	429	461	425	386	501	643
FINANCES³											
Educational and general income	\$21,464	\$35,084	\$76,063	\$172,929	\$483,075	\$571,288	\$626,206	\$863,654	\$924,958	\$1,538,076	\$1,833,845
Educational and general expenditures	(e)	(e)	(e)	(e)	377,903	521,900	572,464	656,802	820,376	1,391,594	1,706,444
Value of physical property	95,426	253,599	460,532	741,333	1,925,095	2,753,780	2,759,261	(f)	(e)	3,996,000	5,272,590
Endowment and other nonexpendable funds	78,788	194,998	323,661	569,071	1,512,023	1,764,604	1,706,664	(f)	(e)	2,497,727	2,644,323

¹ Administrative and instructional. Totals, 1889-90 to 1929-30; full-time equivalent, later years.

² Distribution by sex estimated.

³ Regular session only, September to June.

⁴ Changes from figures previously published, brought about by re-analysis of original reports.

⁵ In thousands of dollars (i. e., 000 omitted).

⁶ Data not collected.

⁷ Data not tabulated.

Students

In 1949-50 institutions of higher education enrolled 2,659,000 students in the regular session, 51 percent in publicly controlled, and 49 percent in privately controlled institutions (table 35). Veteran students numbered 853,000, almost one-third of the entire student body. There were, in addition, 1,989,000 other students of college grade enrolled, as follows: 943,000 in summer sessions (table 37); 849,000 in correspondence and extension courses; 152,000 in short courses; and 45,000 students receiving individual instruction. Resident noncollegiate students in institutions of higher education numbered 74,000.

Excluding the veteran students, 19 of each 100 persons of college age (18-21 years) were enrolled in institutions of higher education during the year 1949-50. This may be compared with 4 persons in the specified age bracket who were enrolled in 1899-1900 (table 36).

Degrees

Institutions of higher education in continental United States conferred nearly half a million earned degrees in 1949-50: 432,058 bachelor's or first professional; 58,183 master's or second professional; and 6,600 doctor's (table 34). The total number of degrees conferred in 1949-50 is the largest in the history of American higher education—17 times the number conferred in 1899-1900, $2\frac{1}{4}$ times as many as in 1939-40, and more than $1\frac{1}{2}$ times as many as in 1947-48. Table 39 presents data on number of degrees conferred in 1949-50, by field of study, and by level of degree.

Engineering Enrollments and Degrees

In the fall of 1950 there were 161,592 undergraduate engineering students enrolled in 190 institutions offering degrees in engineering. Four undergraduate curricula enrolled 66 percent of the students, as follows: mechanical engineering, 35,716; electrical engineering, 32,190; civil engineering, 24,457; and chemical engineering, 14,056. During the academic year 1949-50, 52,732 first engineering degrees were conferred. These degrees constituted 12 percent of all bachelor's and first professional degrees conferred during the year. Graduate students enrolled in 123 institutions offering advanced degrees in engineering numbered 18,670 in the fall of 1950. These institutions conferred 4,904 master's and second professional engineering degrees, and 494 doctorates during the academic year 1949-50. Table 40 presents data on undergraduate enrollments by class level and by engineering curricula for the fall of 1950, and on number of first degrees conferred during the academic year 1949-50.

Table 35.—Faculty, students, and degrees: institutions of higher education, 1949-50

Item	1949-50		
	Total	Publicly controlled	Privately controlled
1	2	3	4
Number of institutions.....	1,851	641	1,210
Faculty: Full-time equivalent.....	210,349	106,383	103,966
Men.....	157,691	78,804	78,887
Women.....	52,658	27,579	25,079
Resident college enrollments: Regular session (September-June).....	2,659,021	1,354,902	1,304,119
Men.....	1,853,068	932,087	920,981
Women.....	805,953	422,815	383,138
Graduate.....	237,208	107,932	129,276
Men.....	172,161	77,198	94,963
Women.....	65,047	30,734	34,313
Undergraduate and special.....	2,421,813	1,246,970	1,174,843
Men.....	1,680,907	854,889	826,018
Women.....	740,906	392,081	348,825
Third week of fall term.....	2,442,463	1,207,545	1,234,918
Men.....	1,720,059	841,359	878,700
Women.....	722,404	366,186	356,218
Veterans of World War II ¹	853,007	388,048	464,959
Men.....	836,690	381,683	455,007
Women.....	16,317	6,365	9,952
First time in any college.....	594,126	323,673	270,453
Men.....	380,088	205,791	174,297
Women.....	214,038	117,882	96,156
Summer session, 1949.....	943,021	536,823	406,198
Men.....	595,219	333,781	261,438
Women.....	347,802	203,042	144,760
Other enrollments:			
Resident noncollegiate.....	73,844	44,075	29,769
Men and boys.....	40,334	22,031	18,303
Women and girls.....	33,510	22,044	11,466
Nonresident (correspondence, extension).....	848,695	651,015	197,680
Men.....	474,814	344,686	130,128
Women.....	373,881	306,329	67,552
Short courses.....	151,883	124,407	27,476
Men.....	91,508	76,032	15,476
Women.....	60,375	48,375	12,000
Individual instruction.....	45,103	5,216	39,887
Men and boys.....	19,077	3,238	15,839
Women and girls.....	26,026	1,978	24,048
Earned degrees conferred:			
Bachelor's or first professional.....	432,058	215,808	316,250
Men.....	328,841	161,832	167,009
Women.....	103,217	53,976	49,241
Master's or second professional.....	58,183	26,156	32,027
Men.....	41,220	18,981	22,239
Women.....	16,963	7,175	9,788
Doctor's.....	6,633	2,668	3,965
Men.....	5,990	2,458	3,532
Women.....	643	210	433

¹ Third week of fall term, 1949.

Table 36.—Enrollment in institutions of higher education and population 18-21 years of age: 1889-90 to 1949-50

Year	Enrollment		Population 18-21 years of age ¹		Number enrolled per 100 persons 18-21 years of age
	Number	Percent increase since 1889-90	Number	Percent increase since 1889-90	
1	2	3	4	5	6
1889-90.....	156,756	-----	5,151,067	-----	3.0
1899-1900.....	237,592	51.6	5,930,765	15.1	4.0
1909-10.....	355,213	126.6	7,335,453	42.4	4.8
1919-20.....	597,880	281.4	7,343,794	42.6	8.1
1929-30.....	1,100,737	602.2	9,033,000	75.4	12.2
1939-40.....	1,494,203	853.2	9,753,537	89.3	15.3
1941-42.....	1,403,990	795.7	9,853,000	91.3	14.2
1943-44.....	1,155,272	637.0	9,776,000	89.8	11.8
1945-46.....	1,676,851	969.7	9,537,000	85.1	² 12.7
1947-48.....	2,616,262	1,569.0	9,273,000	80.0	² 14.6
1949-50.....	2,659,021	1,696.3	³ 8,979,000	74.3	² 19.3

¹ Estimates except as indicated as of July 1, based on data from U. S. Bureau of the Census, including armed forces overseas. Estimates for 1942 and later years subject to revision upon completion of 1950 census.

² Veteran students, most of whom were over 21 years of age, have been excluded in calculating this ratio.

³ Estimate for April 1, 1950.

Table 37.—Enrollment in summer-session and extension and correspondence work in institutions of higher education: 1919-20 to 1949-50

Year	Enrollment		Year	Enrollment		
	Summer session ¹	Extension and correspondence work		Summer session ¹	Extension and correspondence work	
					Collegiate	Non-collegiate
1	2	3	1	2	3	4
1919-20-----	132,489	101,662	1933-34-----	303,754	208,507	45,484
1921-22-----	220,311	155,163	1935-36-----	370,026	251,469	46,452
1923-24-----	278,125	194,147	1937-38-----	429,864	295,351	75,822
1925-26-----	340,461	324,819	1939-40-----	456,679	292,236	70,145
1927-28-----	382,776	360,246	1941-42-----	426,849	278,554	83,833
1929-30-----	388,755	354,133	1943-44-----	479,326	244,842	98,496
1931-32-----	414,260	440,186	1945-46-----	515,602	² 535,957	(²)
			1947-48-----	955,429	² 759,909	(²)
			1949-50-----	943,021	² 848,695	(²)

¹ For odd years.

² Breakdown by level not available before 1931-32 or for 1945-46, 1947-48, and 1949-50.

Table 38.—Degrees conferred by institutions of higher education per 100 persons 21 years of age: 1889-90 to 1949-50

Year	Earned degrees conferred ¹	Number of— Persons 21 years of age ²	Earned degrees conferred per 100 persons 21 years of age
1	2	3	4
1889-90.....	³ 15, 539	1, 246, 876	1.2
1899-1900.....	³ 27, 410	1, 426, 849	1.9
1909-10.....	³ 37, 199	1, 789, 404	2.1
1919-20.....	48, 622	1, 821, 712	2.7
1929-30.....	122, 484	2, 211, 031	5.5
1939-40.....	186, 500	2, 367, 661	7.9
1941-42.....	185, 346	⁴ 2, 566, 253	7.2
1943-44.....	125, 863	⁴ 2, 426, 456	5.2
1945-46.....	136, 174	⁴ 2, 407, 509	5.7
1947-48.....	271, 019	⁴ 2, 390, 946	⁵ 11.3
1949-50.....	432, 058	⁴ 2, 302, 000	⁵ 18.8

¹ Bachelor's and first professional degrees only.² Bureau of the Census.³ Revision of figures previously published.⁴ Estimated.⁵ Veteran graduates, more than 21 years of age, have been included in calculating this ratio.**Table 39.—Degrees conferred, by major field of study: 1949-50**

[Includes degrees conferred in continental United States and outlying parts of the United States]

Major field of study	Bachelor's and first professional			Master's and second professional			Doctor's		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Grand total.....	433, 734	329, 819	103, 915	58, 219	41, 237	16, 982	6, 633	5, 990	643
Agriculture.....	10, 908	10, 766	142	1, 080	1, 070	10	316	312	4
Anatomy.....	123	121	2	65	54	11	15	11	4
Animal husbandry.....	1, 697	1, 677	20	135	133	2	26	26	—
Anthropology.....	324	186	138	82	57	25	34	27	7
Architecture.....	2, 563	2, 441	122	166	159	7	1	1	—
Astronomy.....	30	26	4	22	18	4	16	15	1
Bacteriology.....	870	563	307	327	247	80	74	60	14
Biochemistry.....	175	160	15	144	114	30	116	99	17
Biology.....	10, 428	8, 121	2, 307	549	419	130	81	69	12
Botany.....	494	385	109	299	234	65	126	116	10
Business and commerce.....	72, 137	65, 911	6, 226	4, 335	4, 006	329	58	52	6
Chemistry.....	10, 619	9, 134	1, 485	1, 576	1, 368	208	953	914	39
Dental science.....	335	282	53	89	84	5	1	1	—
Dentistry, D. D. S. only.....	2, 579	2, 561	18	—	—	—	—	—	—
Economics.....	14, 573	13, 471	1, 102	921	807	114	200	191	9
Education.....	46, 635	18, 882	27, 753	18, 311	10, 588	7, 723	861	719	142
Engineering.....	52, 246	52, 071	175	4, 496	4, 481	15	417	416	1
Aeronautical.....	1, 712	1, 698	14	373	372	1	23	23	—
Chemical.....	4, 506	4, 474	32	699	698	1	173	172	1
Civil.....	7, 781	7, 761	20	689	686	3	28	28	—
Electrical.....	13, 270	13, 231	39	1, 057	1, 055	2	80	80	—
Mechanical.....	14, 441	14, 414	27	784	781	3	46	46	—
Other engineering.....	10, 536	10, 493	43	894	889	5	67	67	—
English.....	17, 246	8, 223	9, 023	2, 259	1, 320	939	230	181	49
Entomology.....	127	118	9	89	85	4	52	50	2
Fine arts.....	5, 707	2, 690	3, 117	525	345	180	12	6	6
Forestry.....	2, 394	2, 394	—	290	289	1	26	26	—
Geography.....	757	611	146	203	150	53	40	36	4

Table 39.—Degrees conferred, by major field of study: 1949-50—Continued

[Includes degrees conferred in continental United States and outlying parts of the United States]

Major field of study	Bachelor's and first professional			Master's and second professional			Doctor's		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Geology.....	3,043	2,934	109	493	477	16	113	110	3
History.....	13,567	10,242	3,325	1,801	1,373	428	275	246	29
Home economics.....	7,976	91	7,885	645	15	630	17	1	16
Industrial arts.....	4,036	3,951	85	352	346	6	5	5	—
International relations.....	981	866	115	279	237	42	25	23	2
Journalism.....	4,937	3,848	1,089	315	271	44	3	3	—
Language, classical.....	671	474	197	131	72	59	28	19	9
Language, modern.....	4,489	1,752	2,737	921	457	464	168	135	33
French.....	1,473	511	962	299	132	167	53	38	15
German.....	540	359	181	121	75	46	40	32	8
Spanish.....	2,132	701	1,431	375	166	209	34	26	8
Russian.....	36	24	12	32	18	14	7	7	—
Other languages.....	308	157	151	94	66	28	34	32	2
Law.....	14,312	13,891	421	513	492	21	27	26	1
Library science.....	1,057	155	902	549	226	323	5	4	1
Mathematics.....	6,392	4,946	1,446	974	784	190	160	151	9
Medical sciences (not elsewhere classified).....	3,224	2,495	729	432	390	42	44	39	5
Medicine, M. D. only.....	5,612	5,028	584	—	—	—	—	—	—
Metallurgy.....	476	469	7	120	119	1	46	46	—
Meteorology.....	143	138	5	51	49	2	12	11	1
Military or naval science.....	162	162	—	—	—	—	—	—	—
Music.....	7,934	4,069	3,865	1,489	942	547	34	32	2
Natural sciences (not elsewhere classified).....	1,783	1,465	318	56	39	17	10	8	2
Nursing.....	3,292	23	3,269	368	5	363	2	—	2
Optometry.....	1,801	1,782	19	—	—	—	—	—	—
Osteopathy.....	346	327	19	8	7	1	—	—	—
Pharmacy.....	5,751	5,310	441	114	92	22	48	47	1
Philosophy.....	2,835	2,449	386	277	248	29	83	69	14
Physical education.....	11,054	8,657	2,397	1,406	1,091	315	87	73	14
Physics.....	3,414	3,287	127	922	888	34	358	353	5
Physiology.....	133	72	61	147	126	21	36	30	6
Political science.....	6,346	5,366	980	710	597	113	127	117	10
Psychology.....	9,582	6,058	3,524	1,316	948	368	283	241	42
Public administration.....	273	252	21	190	166	24	14	13	1
Public health.....	440	227	213	523	355	168	25	18	7
Religious education and Bible.....	3,088	2,093	995	506	260	246	64	61	3
Social sciences (not elsewhere classified).....	7,472	5,270	2,202	431	261	170	49	42	7
Social work.....	1,269	439	830	1,747	550	1,197	4	3	1
Sociology.....	7,887	3,848	4,039	552	373	179	98	80	18
Speech and dramatic arts.....	4,269	2,321	1,948	652	396	256	43	37	6
Theology.....	3,221	3,010	211	597	528	69	132	130	2
Veterinary medicine.....	803	791	12	21	20	1	8	8	—
Zoology.....	3,289	2,727	562	551	435	116	125	102	23
Arts (without major).....	12,285	9,365	2,920	1,326	952	374	27	27	—
Sciences (without major).....	6,680	5,604	1,076	426	379	47	30	29	1
All other fields of study.....	4,442	2,871	1,571	345	243	102	363	323	40

Table 40.—Undergraduate engineering enrollments, October 1950; and first engineering degrees conferred, 1949-50

Engineering curricula	Number of schools	Total number enrolled for first engineering degree										Number of first engineering degrees conferred, 1949-50	
		1st year	2d year	3d year	4th year	5th year of curriculum	5th year of cooperative program	Part-time day and evening students	Special day and evening students	Total		Men	Women
		3	4	5	6	7	8	9	10	11	12	13	14
1	2												
Total	190	34,299	30,915	34,423	41,702	1,139	2,375	14,313	2,426	160,974	618	52,618	114
Aeronautical.....	57	1,132	954	943	1,130	33	49	222	33	4,471	25	1,538	15
Agricultural.....	38	381	416	495	638	29	7	3	7	1,969	48	648	8
Architectural.....	42	1,085	1,138	1,152	1,231	203	48	102	9	4,920	4	935	4
Ceramic.....	16	127	169	189	268	10	8	623	123	776	59	278	20
Chemical.....	119	2,824	3,022	3,233	3,804	124	303	1,045	302	13,997	48	4,509	11
Civil.....	154	4,386	5,311	6,058	6,955	105	295	2,226	508	24,409	45	7,761	12
Electrical.....	163	5,696	6,462	7,348	9,197	187	566	2,251	11	32,145	12	13,288	2
Engineering Mechanics.....	26	6	8	19	24	24	4	25	15	56	1	14	3
Engineering Physics.....	32	326	366	430	430	24	12	607	15	1,612	16	453	1
General Engineering.....	41	1,061	965	841	1,129	1	4	1	4	4,606	3	1,498	1
Geological.....	24	291	301	307	350	90	251	683	60	1,252	3	339	5
Industrial ¹	80	820	1,204	1,919	2,481	255	800	2,664	415	7,490	18	3,304	20
Mechanical.....	188	5,728	6,832	8,431	10,541	29	29	248	7	35,662	64	14,312	1
Metallurgical.....	52	455	534	649	775	7	1	3	6	2,752	1	960	1
Mining.....	32	301	348	415	494	8	8	5	1	1,574	1	482	1
Naval Architecture and Marine.....	5	36	129	138	141	1	1	5	1	453	6	100	1
Petroleum.....	26	755	714	846	1,078	10	10	6	15	3,417	49	988	4
Sanitary.....	20	36	30	37	77	1	1	5	3	181	5	285	1
Textile.....	9	279	242	263	282	2	2	5,472	883	1,064	260	45	5
Unclassified.....	101	7,874	1,229	116	59	21	9	384	15	16,375	9	802	5
Others.....	48	670	491	594	618	21	9	384	15	2,793	9	802	5

¹ Includes administrative engineering, management engineering, etc.Source: Office of Education Circular No. 287, *Engineering Enrollments and Degrees, 1950*.

Junior Colleges

Junior colleges offering 2 years or more of work of college grade increased in number from 52 in 1919-20 to 483 in 1949-50; during the same period enrollments increased from 8,000 to 242,700 (table 38). Publicly controlled junior colleges enrolled 77 percent of the total.

Table 41.—Number of junior colleges and enrollment in junior colleges: 1919-20 to 1949-50

Year	Total		Publicly controlled		Privately controlled	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1	2	3	4	5	6	7
1919-20.....	52	8,102	10	2,940	42	5,162
1921-22.....	80	12,124	17	4,771	63	7,353
1923-24.....	132	20,559	39	9,240	93	11,319
1925-26.....	153	27,095	47	13,859	106	13,236
1927-28.....	248	44,855	114	28,437	134	16,418
1929-30.....	277	55,616	129	36,501	148	19,115
1931-32.....	342	85,063	159	58,887	183	26,176
1933-34.....	322	78,480	152	55,869	170	22,611
1935-36.....	415	102,453	187	70,557	228	31,896
1937-38.....	453	121,510	209	82,041	244	39,469
1939-40.....	456	149,854	217	107,553	239	42,301
1941-42.....	461	141,272	231	100,783	230	40,489
1943-44.....	413	89,208	210	60,884	203	28,324
1945-46.....	464	156,456	242	109,640	222	46,816
1947-48.....	472	240,173	242	178,196	230	61,977
1949-50.....	483	242,740	256	187,695	227	55,045

Income

General data on the income of institutions of higher education are given in table 42. For 1949-50, "educational and general income," i. e., the operating funds used to defray expenditures for administration, instruction, research, plant operation and maintenance, etc., amounted to \$1,800,000,000, more than 3 times the income received for the same purpose in 1939-40 (table 34), but less than twice as great when the 1940 income is adjusted for the purchasing power of the 1950 dollar. Income from auxiliary enterprises and activities, i. e., those activities which are important to the program of the institutions, but not indispensable, such as residence and dining accommodations, book stores, and intercollegiate athletics, amounted to more than half a billion dollars.

Plant expansion funds were increased by \$529,000,000 during the year 1949-50; and nonexpendable funds (endowment, annuity, and student loan funds) received \$67,000,000 from private gifts and grants.

Table 42.—Income, expenditures, and property of institutions of higher education: 1949-50

[Thousands of dollars]

Item	1949-50		
	Total	Publicly controlled	Privately controlled
1	2	3	4
INCOME:			
Current income.....	2,374,645	1,238,945	1,135,700
Educational and general income, by source.....	1,833,846	979,704	854,142
Student fees.....	394,609	102,163	292,446
Federal Government, for—			
Veterans' student fees.....	307,326	127,233	180,093
Other current purposes.....	216,994	118,827	98,167
State governments.....	491,636	463,889	27,747
Local governments.....	61,700	60,389	1,311
Endowment earnings.....	96,341	8,845	87,496
Private benefactions.....	118,627	19,374	99,253
Sales and services.....	111,983	64,291	47,697
Miscellaneous sources.....	34,625	14,693	19,932
Auxiliary enterprises and activities.....	511,264	246,754	264,510
Noneducational income, for.....	29,535	12,487	17,048
Scholarships, fellowships, prizes.....	16,288	4,904	11,384
Other noneducational purposes.....	13,247	7,583	5,664
Receipts for plant expansion, by source.....	528,748	399,990	128,758
Federal Government.....	12,358	5,907	6,451
State governments.....	283,920	279,224	4,696
Local governments.....	19,373	19,373	
Churches.....	8,088	7	8,081
Foundations and corporations.....	22,741	9,944	12,797
Individuals.....	41,791	3,372	38,419
Transfers from current funds.....	60,582	31,280	29,302
Other sources.....	79,895	50,883	29,012
Private gifts and grants for nonexpendable funds.....	66,850	4,908	61,942
Endowment funds.....	62,829	4,416	58,413
Annuity funds.....	2,472	57	2,415
Student loan funds.....	1,549	435	1,114
EXPENDITURES:			
Current expenditures.....	2,245,661	1,153,528	1,092,133
Educational and general.....	1,706,444	898,054	808,390
Administration and general expense.....	213,070	83,484	129,586
Resident instruction.....	780,994	415,424	365,570
Organized research.....	225,341	115,624	109,717
Extension.....	86,674	74,977	11,697
Libraries.....	56,147	27,219	28,928
Plant operation and maintenance.....	225,110	112,778	112,332
Related activities.....	119,108	68,548	50,560
Auxiliary enterprises.....	476,401	235,513	240,888
Other noneducational expenditures.....	62,816	19,961	42,855
Expenditures for plant expansion.....	416,831	276,071	140,700
PROPERTY. Total plant, plant funds, and nonexpendable funds ¹.....			
	7,916,913	3,300,067	4,616,846
Physical plant and plant funds.....	5,272,590	2,886,409	2,386,181
Value of physical plant.....	4,799,964	2,533,402	2,266,562
Unexpended plant funds.....	472,626	353,007	119,619
Nonexpendable funds.....	2,644,323	413,658	2,230,665
Endowment and other nonexpendable funds ²	2,601,223	399,213	2,202,010
Student loan funds.....	43,100	14,445	28,655

¹ At end of fiscal year.² Includes annuity funds.

The percentage distribution, by source, of educational and general income of institutions of higher education follows:

Source	All institutions	Publicly controlled	Privately controlled
1	2	3	4
Student fees.....	21.5	10.4	34.2
Federal Government for:			
Veterans' student fees.....	16.8	13.0	21.1
Other current purposes.....	11.8	12.1	11.5
State governments.....	26.8	47.3	3.3
Local governments.....	3.4	6.2	.2
Endowment earnings.....	5.2	.9	10.2
Private benefactions.....	6.5	2.0	11.6
Sales and services.....	6.1	6.6	5.6
Miscellaneous sources.....	1.9	1.5	2.3
Total.....	100.0	100.0	100.0

Expenditures

The 1,851 institutions of higher education in the United States expended \$2,700,000,000 (table 42) during the academic year 1949-50 (\$2,300,000,000 for current purposes and \$400,000,000 for expansion of physical plant.). A percentage breakdown of educational and general expenditures, which make up slightly more than 75 percent of the current expenditures, follows:

Purpose	All institutions	Publicly controlled	Privately controlled
1	2	3	4
Administration and general expense.....	12.5	9.3	16.0
Resident instruction.....	45.7	46.3	45.2
Libraries.....	3.3	3.0	3.6
Plant operation and maintenance.....	13.2	12.6	13.9
Related activities.....	7.0	7.6	6.3
Organized research.....	13.2	12.9	13.6
Extension.....	5.1	8.3	1.4
Total educational and general.....	100.0	100.0	100.0

Table 34 presents historical trends in expenditures of institutions of higher education from 1929-30 to 1949-50. In making historical comparisons of any financial items, the changing value of the dollar, as indicated by the Consumers' Price Index (Bureau of Labor Statistics, Department of Labor), should be kept in mind.

Property

The book value of the physical plant (land, buildings, equipment including libraries, improvements other than building, and unexpended plant funds) at the end of the fiscal year 1950 was \$5.3 billion; and non-expendable funds, such as for endowments, annuities, and student loans, amounted to \$2.6 billion (tables 34 and 42).

Veterans' Training Program

The Federal training program for veterans of World War II rests upon two basic acts administered by the Veterans Administration: Public Law 16 which provides vocational rehabilitation for disabled veterans; and Public Law 346, the Servicemen's Readjustment Act of 1944, which makes it possible for an eligible veteran to pursue a course of his own choice (subject to the limitations of Public Law 266) in any approved school or job-training establishment. Table 43 presents for each year from 1943-44 to 1949-50 the average number of veterans in training under each law, and the annual expenditures for subsistence allowances and for tuition, etc. The Annual Report of the Administrator of Veterans Affairs for fiscal year ending June 30, 1950, reports that 5,940,000 veterans who had been in training had temporarily or permanently terminated their training; of these, 433,000 were former Public Law 16 trainees, and 5,507,000, former Public Law 346 trainees.

Table 43.—Veterans in training,¹ and expenditures for training and for vocational rehabilitation: 1943-44 to 1949-50²

[Thousands of dollars]

Year	Vocational rehabilitation (P. L. 16)			Education and training (P. L. 346)		
	Average number of veterans in training	Amount of subsistence allowance	Amount for tuition, equipment, supplies, and materials	Average number of veterans in training	Amount of subsistence allowance	Amount for tuition, equipment, supplies, and materials
1	2	3	4	5	6	7
Total, 7 years.....		977,658	238,192		7,200,328	3,075,506
Percent.....		80.4	19.6		70.1	29.9
1943-44.....	922	567	97			
1944-45.....	9,464	7,046	1,302	11,956	7,803	1,703
1945-46.....	44,578	37,993	7,094	376,750	317,905	32,113
1946-47.....	174,465	190,941	30,006	1,883,551	1,550,796	567,939
1947-48.....	237,382	265,298	68,013	2,213,382	1,628,908	872,756
1948-49.....	217,740	262,196	73,004	2,054,616	1,865,804	834,379
1949-50.....	167,809	213,616	58,676	1,990,413	1,829,112	766,616

¹ Includes school training, job training, and institutional on-farm training.

² Data supplied by Veterans' Administration.

Higher Education in the Outlying Parts of the United States

Four outlying parts of the United States (Alaska, Canal Zone, Hawaii, and Puerto Rico) together enrolled 14,700 students in 5 institutions of higher education in 1949-50, 85 percent more than were enrolled in 1939-40 (table 44). During 1949-50, 1,700 bachelor's and 36 master's degrees were conferred.

Table 44.—Institutions of higher education in outlying parts of the United States: 1949-50

Name and location of institution	Full-time equivalent of instructional staff	Enrollment			Degrees	
		Regular	Summer	Correspondence and extension	Bachelor's	Master's
1	2	3	4	5	6	7
Total, 1939-40	804	7,973	3,816	1,787	892	37
Total, 1949-50	1,770	14,737	10,909	11,757	1,676	36
University of Alaska, College, Alaska.....	108	367	65	557	44	-----
Canal Zone Junior College, Balboa Heights, Canal Zone.....	20	226	497	663	-----	-----
University of Hawaii, Honolulu, Hawaii...	455	5,908	2,920	3,960	668	34
Polytechnic Institute of Puerto Rico, San German, Puerto Rico.....	12	548	306	-----	95	-----
University of Puerto Rico, Rio Piedras, Puerto Rico.....	1,175	7,688	7,121	6,577	869	2

Negro Education

Public Elementary and Secondary Schools

Seventeen States and the District of Columbia maintain separate school systems for white and for Negro pupils. Data are presented separately for Negro schools in these States because there is considerable demand for them. Data for both white and Negro schools in all the States and the outlying parts of the United States are reported together in the foregoing statistics of all public elementary and secondary schools. Not all States with segregated systems can supply separate data, in the detail requested, for schools for Negroes because of the methods of keeping records, and especially because of the tendency to keep only one set of financial accounts for the two races.

Table 45 presents a statistical summary of data available from the 17 States and the District of Columbia for Negro public elementary and secondary schools from 1919-20 to 1949-50; and table 46 presents data for Negro schools for each of these States for: number of instructional staff members; enrollment; and number of high-school graduates. Comparative data available for white and for Negro schools in each of the 17 States and the District of Columbia are presented in table 47 on: average length of school term in days; average number of days attended by each pupil enrolled; enrollment per instructional staff member; current expenditure per pupil in average daily attendance, for the 8 States and the District of Columbia reporting it; and average annual salary per instructional staff member, for the 10 States and the District of Columbia reporting data on this item.

Table 45.—Statistical summary of Negro public elementary and secondary schools in 17 Southern States and the District of Columbia: 1919-20 to 1949-50

Item	1919-20	1929-30	1939-40	1947-48	1949-50
1	2	3	4	5	6
Total population ¹	9,090,532	9,585,417	10,275,347	-----	-----
Negro children 5-17 years of age, inclusive.....	2,899,246	2,902,657	2,827,565	-----	-----
Enrollment of pupils:					
Elementary grades:					
Boys.....	992,401	1,039,227	1,072,281	1,011,476	1,043,658
Girls.....	1,077,973	1,130,765	1,101,981	995,360	1,015,256
Total.....	2,070,374	2,169,992	2,174,262	2,006,836	2,058,914
High-School grades:					
Boys.....	12,392	40,533	102,678	124,082	144,820
Girls.....	20,949	72,053	151,902	175,144	193,212
Total.....	33,341	112,586	254,580	299,226	338,032
Total enrolled in elementary and high-school grades:					
Boys.....	1,004,793	1,079,760	1,174,959	1,135,558	1,188,478
Girls.....	1,098,922	1,202,818	1,253,883	1,170,504	1,208,468
Total.....	2,103,715	2,282,578	2,428,842	2,306,062	2,396,946
Average daily attendance.....	1,416,206	1,645,518	1,953,401	1,922,381	2,044,518
Total number of days attended by all pupils enrolled.....	168,414,206	217,754,344	305,344,350	329,914,879	354,606,908
Average number of days attended by each pupil enrolled during the year.....	80	97	126	143	148
Average length of school term in days.....	119	132	156	172	173
Percent of enrolled pupils in daily attendance.....	67.3	72.1	80.4	83.4	85.3
Percent of pupils in secondary grades.....	1.6	4.9	10.5	13.0	14.1
Percent of school population enrolled.....	72.6	78.6	85.6	-----	-----
Instructional staff:					
Elementary schools:					
Supervisors.....	(2)	(2)	198	261	276
Principals.....	(2)	(2)	365	1,536	1,616
Men teachers.....	6,398	6,246	7,883	3,846	4,308
Women teachers.....	31,227	39,801	46,098	48,037	48,971
High schools:					
Supervisors.....	(2)	(2)	34	94	99
Principals.....	(2)	(2)	599	1,147	1,206
Men teachers.....	457	2,395	4,575	5,722	7,091
Women teachers.....	478	2,836	4,724	9,507	10,991
Total number of instructional staff.....	38,560	51,278	64,476	70,150	74,558
Average salary per member of instructional staff (for States reporting) ²	-----	-----	\$601	\$1,738	⁴ \$2,143
Average salary per member of instructional staff (for States reporting) ⁴	-----	-----	1,016	1,761	2,143
High-school graduates:					
Boys.....	-----	-----	11,014	15,502	18,459
Girls.....	-----	-----	18,995	23,121	26,832
Total.....	-----	-----	30,009	38,623	45,291

¹ U. S. Bureau of the Census.

² Included with teachers.

³ Unadjusted for changes in purchasing power of the dollar.

⁴ States reporting in table 47.

⁵ Adjusted for purchasing power in 1949-50 dollars.

Table 46.—Instructional staff, enrollments, and high-school graduates in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia: 1949-50

State	Instruc- tional staff ¹	Enrollment			High-school graduates		
		Total	Elementary (K-8th grade in- clusive)	Secondary (9th grade- postgrad- uate in- clusive)	Total	Boys	Girls
1	2	3	4	5	6	7	8
17 States and the Dis- trict of Columbia...	74, 558	2, 396, 946	2, 058, 914	338, 032	45, 291	18, 459	26, 832
Alabama.....	7, 358	242, 287	206, 989	35, 298	² 4, 696	² 1, 861	² 2, 835
Arkansas.....	2, 739	101, 797	89, 035	12, 762	1, 669	777	892
Delaware.....	299	8, 220	6, 954	1, 266	237	104	133
Florida.....	4, 269	116, 382	97, 508	18, 874	2, 829	1, 376	1, 453
Georgia.....	7, 340	250, 667	215, 985	34, 682	3, 344	1, 241	2, 103
Kentucky.....	1, 398	37, 124	30, 418	6, 706	1, 099	454	645
Louisiana.....	5, 471	183, 597	162, 513	21, 084	2, 449	827	1, 622
Maryland.....	2, 429	73, 601	62, 301	11, 300	1, 154	478	676
Mississippi.....	6, 620	263, 797	243, 800	19, 997	2, 232	861	1, 371
Missouri.....	1, 800	56, 316	46, 678	9, 638	1, 322	542	780
North Carolina.....	7, 952	267, 095	222, 811	44, 284	6, 259	2, 482	3, 777
Oklahoma.....	1, 573	37, 693	29, 675	8, 018	1, 475	721	754
South Carolina.....	6, 918	221, 880	196, 860	25, 020	2, 479	951	1, 528
Tennessee.....	3, 308	106, 927	88, 806	18, 121	2, 605	1, 135	1, 470
Texas.....	7, 505	201, 253	165, 881	35, 372	5, 418	2, 243	3, 175
Virginia.....	5, 075	157, 060	135, 844	21, 216	4, 057	1, 627	2, 430
West Virginia.....	971	25, 500	19, 619	5, 881	971	416	555
District of Columbia.....	1, 533	45, 750	37, 237	8, 513	996	363	633

¹ Principals, supervisors, teachers, librarians, etc.² Estimated.

Institutions for the Higher Education of Negroes

During the academic year 1949-50, reports were received from 105 institutions of higher education attended entirely or predominately by Negroes. Data are not collected by this Office on the number of Negroes attending institutions attended predominately by white persons. In general, the Negro institutions are smaller, as evidenced by the following percentages: the 105 Negro institutions numbered 5.7 percent of the total, had 6,600 faculty members, or 3.1 percent of the total, enrolled 76,600 students, or 2.9 percent of the total, and conferred 13,000 bachelor's or first professional degrees, or 3.0 percent of the total (table 48).

Table 47.—Comparative data on attendance and average expenditures for white and Negro schools in 17 Southern States and the District of Columbia: 1949-50

State	Average length of school term in days		Average number of days attended by each pupil enrolled		Enrollment per instructional staff member ¹		Current expenditure per pupil in average daily attendance		Average annual salary per unit of instructional staff ¹	
	White	Negro	White	Negro	White	Negro	White	Negro	White	Negro
1	2	3	4	5	6	7	8	9	10	11
17 States and the District of Columbia.....	177.1	173.4	157.0	147.9	27	32	(²)	(²)	(²)	(²)
Alabama.....	176.2	176.5	156.1	150.6	29	33	\$130.09	\$92.69	\$2,214	\$1,901
Arkansas.....	174.5	172.1	155.2	141.0	29	37	123.60	73.03	1,900	1,416
Delaware.....	181.8	182.8	161.9	159.5	23	28				
Florida.....	180.1	180.1	167.3	163.0	24	27	196.42	136.71	3,056	2,643
Georgia.....	179.0	176.0	158.4	144.9	27	34	145.15	79.73	2,080	1,680
Kentucky.....	171.1	174.0	147.3	147.3	29	27				
Louisiana.....	179.6	178.0	157.8	152.6	26	34			3,222	2,486
Maryland.....	184.2	183.9	165.0	160.9	28	30	217.41	198.76	3,600	3,575
Mississippi.....	162.9	141.3	152.2	120.9	28	40	122.93	32.55	1,884	760
Missouri.....	178.2	187.9	154.4	162.0	28	31				
North Carolina.....	179.9	179.9	164.5	157.0	29	34	148.21	122.90	2,675	2,721
Oklahoma.....	184.5	180.0	165.9	149.1	24	24				
South Carolina.....	180.0	174.0	155.6	139.7	27	32	154.62	79.82	2,149	1,515
Tennessee.....	176.7	177.0	156.2	156.1	29	32				
Texas.....	174.5	174.9	149.6	146.7	26	27			3,154	2,934
Virginia.....	180.0	180.0	163.0	157.9	27	31				
West Virginia.....	175.0	175.2	158.9	165.1	27	26				
District of Columbia.....	178.5	173.5	152.2	154.0	25	30	289.68	220.74	3,963	3,863

¹ Instructional staff is made up of principals, supervisors, teachers, librarians, etc.² Average for 8 States and the District of Columbia: White, \$154.69; Negro, \$95.31.³ Average for 10 States and the District of Columbia: White, \$2,710; Negro, \$2,143.

Being smaller, the Negro institutions of higher education have less financial strength than white or nonsegregated institutions. Their current expenditures amounted to \$2.25 billion in 1949-50, or 2.5 percent of the current expenditures of all institutions. Their property, including physical plant, nonexpended plant funds, and nonexpendable funds, was valued at approximately 8 billion dollars, or 2.6 percent of the total property of all institutions of higher education (table 49).

Table 48.—Faculty, students, and degrees: institutions for the higher education of Negroes, 1949-50

Item	Institutions for the higher education of Negroes					Total	All higher education	Percent Negro of all higher education
	Universities, colleges, and professional schools		Teachers colleges, publicly controlled ¹	Junior colleges				
	Publicly controlled	Privately controlled		Publicly controlled	Privately controlled			
1	2	3	4	5	6	7	8	9
I. NUMBER OF INSTITUTIONS.....	23	54	12	3	13	105	1,851	5.7
II. FACULTY (FULL-TIME EQUIVALENT).....	3,020	2,803	491	65	221	6,600	210,349	3.1
Men.....	1,851	1,705	234	36	110	3,936	157,691	2.5
Women.....	1,169	1,098	257	29	111	2,664	52,658	5.1
III. RESIDENT COLLEGE ENROLLMENTS:								
Regular session.....	31,599	35,529	6,740	1,116	1,577	76,561	2,659,021	2.9
Men.....	17,096	19,575	2,369	751	886	40,677	1,853,068	2.2
Women.....	14,503	15,954	4,371	365	691	35,884	805,953	4.4
First time in any college....	8,489	9,509	2,266	436	668	21,368	594,126	3.6
Men.....	4,436	4,820	809	251	297	10,613	380,088	2.8
Women.....	4,053	4,689	1,457	185	371	10,755	214,038	5.0
Graduate students.....	882	1,342	² 80			² 2,304	237,208	1.0
Men.....	462	679	² 20			² 1,161	172,161	.7
Women.....	420	663	² 60			² 1,143	65,047	1.8
Summer session, 1949.....	19,914	15,132	3,514	83	333	38,976	943,021	4.1
Men.....	7,832	6,433	835	69	89	15,258	595,219	2.6
Women.....	12,082	8,699	2,679	14	244	23,718	347,802	6.8
IV. EARNED DEGREES CONFERRED: ³								
Bachelor's or first professional.....	4,866	6,497	1,745			13,108	432,058	3.0
Men.....	2,508	3,464	495			6,467	328,841	2.0
Women.....	2,358	3,033	1,250			6,641	103,217	6.4
Master's.....	306	400	62			768	58,183	1.3
Men.....	143	172	20			335	41,220	.8
Women.....	163	228	42			433	16,963	2.6

¹ No privately controlled teachers colleges; no normal schools reported.² Graduate enrollment in teachers colleges estimated.³ Doctorate not conferred at any institution in this group.

Table 49.—Finances of institutions for the higher education of Negroes: 1949-50

[Financial data in thousands of dollars]

Item	All higher education	Institutions for the higher education of Negroes	
		Number or amount	Percent of all higher education
1	2	3	4
Total number of institutions.....	1,851	105	5.7
CURRENT INCOME.....	\$2,374,645	\$60,429	2.5
Educational and general income, by source.....	1,833,845	42,489	2.3
Student fees.....	394,610	8,552	2.2
Federal Government:			
For veterans' education.....	307,325	5,534	1.8
For other purposes.....	216,994	3,850	1.8
State governments.....	491,958	15,541	3.2
Local governments.....	61,378	364	.6
Endowment earnings.....	96,341	2,356	2.4
Private benefactions.....	118,627	4,232	3.6
Organized activities related to instructional departments.....	111,987	1,625	1.5
Miscellaneous sources.....	34,625	435	1.3
Auxiliary enterprises.....	511,265	16,721	3.3
Other noneducational income.....	29,535	1,219	4.1
RECEIPTS FOR PLANT EXPANSION (ALL SOURCES).....	528,747	18,186	3.4
PRIVATE GIFTS AND GRANTS FOR NONEXPENDABLE FUNDS.....	66,850	992	1.5
Endowment funds.....	62,829	933	1.5
Annuity funds.....	2,472	9	.4
Student loan funds.....	1,549	50	3.2
CURRENT EXPENDITURES.....	2,245,661	56,523	2.5
Total educational and general.....	1,706,444	38,581	2.3
Administration and general expense.....	213,070	6,093	2.9
Resident instruction.....	780,994	21,062	2.7
Organized research.....	225,341	565	.3
Extension.....	86,674	408	.5
Libraries.....	56,147	1,419	2.5
Plant operation and maintenance.....	225,110	7,081	3.1
Organized activities related to instructional departments.....	119,108	1,953	1.6
Auxiliary enterprises.....	476,401	16,151	3.4
Other noneducational expenditures.....	62,816	1,791	2.9
EXPENDITURES FOR PLANT EXPANSION.....	416,831	13,966	3.4
PROPERTY: TOTAL PLANT, PLANT FUNDS, AND NONEXPENDABLE FUNDS¹.....	7,916,913	205,211	2.6
Physical plant and plant funds.....	5,272,590	155,545	3.0
Value of physical plant.....	4,799,964	138,987	2.9
Unexpended plant funds.....	472,626	16,558	3.5
Nonexpendable funds.....	2,644,323	49,666	1.9
Endowment and other nonexpendable funds ²	2,601,223	49,330	1.9
Student loan funds.....	43,100	336	.8

¹ At end of fiscal year.² Includes annuity funds.

Activities of the Office of Education in the Field of International Educational Relations

As a part of the effort to promote international understanding, the Office of Education administers a Teacher-Exchange Program. During the school year 1949-50, 97 teachers from the United States exchanged positions with a similar number from the United Kingdom. The British teachers were placed in 33 different States: 43 in kindergarten-primary and elementary schools; 10 in junior high schools; and 44 in high schools. Canada exchanged 16 teachers with the United States; France, 7; and Belgium, 1.

Under the Teacher Education Program, arrangements were made by the Office for 41 foreign teachers from 19 countries to participate in specially arranged programs of visits and observation in the field of elementary, secondary, and vocational education, as well as in the teaching of English as a foreign language. Arrangements were made during the year to receive and make programs for approximately 200 foreign teachers from 42 countries under a similar project for 1950-51.

The Office developed programs for 166 leaders and specialists from the occupied areas who came to the United States for an average of 90 days to visit and observe in their special fields of education: 105 came from Germany; 47 from Japan; 11 from Austria; and 3 from the Ryukyuan Islands.

From the time UNESCO (United Nations Educational, Scientific, and Cultural Organization) was first organized, the Office of Education has maintained a vital interest in its work. Over the past several years the Office has worked closely with State boards of education in developing teaching methods and materials for use in instruction in international understanding based on the concept of United Nations. The Office has also endeavored to assist in this effort by providing advice, bibliographies, and materials to interested organizations and institutions.

During the academic year 1949-50 approximately 26,500 foreign students were enrolled in American institutions of higher education. This necessitated the evaluation by the Office of Education of 3,387 foreign academic transcripts, and required translation into English from 38 different languages.

A program of international correspondence was administered by the Office. This involved the distribution to American schools, colleges, and adult groups of more than 100,000 letters from Germany, Japan, England, and other countries.

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Biennial Survey of Education in the United States—1948-50

Chapter 2

Statistics
of State
School Systems

1949-50

FEDERAL SECURITY AGENCY

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Office of Education

***Biennial Survey of Education in the United States,
1948-50***

The following chapters will be included in the Biennial Survey for 1948-50:

Chapter 1. Statistical Summary of Education, 1949-50

Chapter 2. Statistics of State School Systems, 1949-50

Chapter 3. Statistics of City School Systems, 1949-50

Chapter 4. Statistics of Higher Education:

Section I. Faculty, Students, and Degrees, 1949-50

Section II. Receipts, Expenditures, and Property,
1949-50

Chapter 5. Offerings and Enrollments in High-School Subjects, 1948-49. 30 cents.

Each part of the Biennial Survey is printed separately as soon as completed.

Chapter 2

Statistics
of State
School Systems,
1949-50

DAVID T. BLOSE and WILLIAM JARACZ, Specialists in Educational Statistics,
prepared this chapter, under the general direction of
EMERY M. FOSTER, Head, Reports and Analysis Unit.

FEDERAL SECURITY AGENCY • OSCAR R. EWING, *Administrator*
Office of Education • EARL JAMES McGRATH, *Commissioner*

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FOREWORD

THIS CHAPTER of the Biennial Survey of Education brings down to the middle of the century the long series of statistical reports by the Office of Education on the public elementary and secondary school system. The first report covered the school year 1869-70. Annual reports were issued from that date through 1915-16; biennial reports have been issued for each school year ending in an even number since 1917-18. Beginning 1940-41, the biennial report has been supplemented by an abridged report issued as a circular for each school year ending in an odd number.

An innovation in the present chapter is the expression of certain historical data on expenditures in terms of dollars with the same purchasing power as in 1949-50.

The present report, like its predecessors, is limited for the most part to full-time public elementary and secondary day schools, exclusive of junior colleges. Some data are also given for public summer, part-time, and evening schools, as well as for certain non-public schools (mainly Catholic parochial). No account is taken in the present chapter of (*a*) Federal schools (for children of military personnel, for Indians, or for natives of Alaska); (*b*) public residential schools for exceptional children; or (*c*) model or training schools attached to teachers colleges or universities. (So far as possible, schools in these categories are included in the "Statistical Summary of Education," constituting Chapter I of the Biennial Survey.) Not covered in any chapter of the Biennial Survey are private correspondence schools; private commercial or trade schools; and private schools of art, music, dancing, etc., below college grade.

The cooperative efforts of many persons have entered into the present chapter. First there are about 1½ million teachers, custodians, bus drivers, and others who report basic data to principals in more than 165,000 elementary and secondary schools. Summary

reports from the principals are assembled and summarized by more than 8,000 administrative officials—mainly superintendents and school business officials of county, city, or independent school districts; from whom, in turn, the State departments of education assemble and summarize the facts for report to the Federal Office of Education. In the Office of Education, final editing and summarization are completed, and the data reported in the present chapter. Each of the groups in this step by step process has had to struggle with the problems of accuracy, completeness, and comparability in consolidating the reports at each level. Another practical problem, of course, relates to promptness by the cooperating persons.

The present report aptly reflects the clearing-house function of the Office of Education in our characteristic educational system of decentralized control and voluntary cooperation. To all who have helped make this report possible, the Office of Education and the users of this publication owe a debt of gratitude.

HERBERT S. CONRAD, *Chief*
Research and Statistical Standards Section.

RALPH C. M. FLYNT, *Acting Director*
Program Development and Coordination Branch.

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Statistics of State School Systems, 1949-50

THIS CHAPTER is devoted, with minor exceptions, to data on public elementary and secondary education for 1949-50.¹ The exceptions referred to are: (1) three tables at the end of the chapter, which contain statistics for *nonpublic* (private and parochial) elementary and secondary schools;² and (2) table V, which present figures for the combined attendance of both public and nonpublic school pupils for October 1949; and (3) an occasional table which sets forth data for years prior to 1949-50. The data are concerned, for the most part, with the 48 States and the District of Columbia; the outlying parts³ are, however, covered to some extent.

Figures for the continental United States include the District of Columbia. Comparisons between individual States and the District, however, should not be made, since the school system of the latter is more comparable to that of a large city than that of an entire State, in which both rural and city schools are included.

For some time the Office of Education, in conjunction with other agencies (particularly the State Departments of Education and the Association of School Business Officials), has encouraged the adoption of uniform terminology and definitions in school records, accounts, and reports.

Data for this chapter were furnished by State Departments of Education to the Federal Security Agency, Office of Education. The State reports were, in turn, based on data supplied by some 85,000 basic (ultimate) administrative units, and represent the cooperative effort of some million and a half individuals, including superintendents, supervisors, principals, teachers, and other instructional and noninstructional staff.

This report constitutes perhaps the most comprehensive summarization of statistics on elementary and secondary education in the United States. It

¹ Not including public residential schools for exceptional children, nor Federal schools for Indians and natives of Alaska. Data for the former category, for 1947-48, are available in chapter 5 of the Biennial Survey of Education, *Statistics of Special Schools and Classes for Exceptional Children* (Washington, U. S. Government Printing Office, 1950). Data for the latter category are published by the Department of Interior, Bureau of Indian Affairs.

² Not including private residential schools for exceptional children, nor private vocational and trade schools. Data for the former category, for 1947-48, are available in chapter 5 of the Biennial Survey cited in footnote 1. No data are available for the latter category.

³ Alaska, American Samoa, Canal Zone, Guam, Hawaii, Puerto Rico and the Virgin Islands. When "total United States" figures are cited in text they do not include these outlying parts.

furnished basic information for the formulation of educational policies and procedures. A summary of this information is presented in table 1.⁴

Much additional basic information pertaining to school activities is available in the files of the Office of Education and the library of the Federal Security Agency. This material consists of annual or biennial reports, circulars, laws, and other publications of the several States.

Administrative Organization of Public Elementary and Secondary Education

State Boards of Education

Forty-three States have State boards of education, 4 have vocational boards, and 1 has both a State board and a vocational board (table 2). The authority of these boards ranges from that of serving in an advisory capacity to that of formulating policies and exercising administrative responsibilities. In many States the boards are assisted by professional and clerical staffs. The tendency at present is for one State board to have control of all elementary and secondary education, including vocational.

Intermediate Administrative Units

Intermediate units for public-school administration include counties, parts of counties, townships, and supervisory unions set up between the State and the basic (ultimate) units. Although the responsibilities of intermediate units vary considerably, their primary purpose is to provide administrative and supervisory services to the smaller units composing them. There were approximately 1,100 such units in 1949-50 (table 3), an increase of some 8 percent over 1947-48.

Basic (Ultimate) Administrative Units

Each of the approximately 85,000 basic (ultimate) units (table 3) is directly responsible for the functioning of its own schools. The geographic area served by the basic administrative unit is principally the *local school district*, of which there were approximately 82,000 in 1949-50. There was a decline of some 12 percent in the number of basic units and local school districts from 1947-48 to 1949-50, indicating considerable consolidation.

In some States (West Virginia and Florida, for example), the ultimate administrative unit serves an entire county. In such cases, the county superintendent has both administrative and operating responsibilities for all the schools in the county; no subordinate school authority reports directly to the State Department of Education; and no intermediate administrative unit is required. Finally, a few ultimate units (the unorganized territories of Maine and Wisconsin, and the State unit in Delaware, for instance) are operated directly by the State Department of Education.

⁴ Roman numerals indicate text tables; Arabic numerals indicate basic tables, found in the latter part of the chapter.

Each basic (ultimate) administrative unit has a board, usually of from three to nine members, vested with policy-making and supervisory authority. Board members hold their positions by grace of statutory provisions for the administration of the school system. There were approximately 280,000 school board members in 1949-50 (table 2), some 40,000, or 12 percent, fewer than in 1947-48. This again highlights the continuing trend toward consolidation among administrative units.

Personnel in State, Intermediate, and Basic (Ultimate) Units

State offices of education reported staffs of more than 8,500 individuals, made up of approximately 3,700 professional staff members, 4,600 clerical assistants, and more than 200 operation and maintenance employees (table 4). This constitutes an increase of approximately 2,000 persons, or 31 percent, in State offices of education since 1947-48. This increase is at least partially the result of the assumption of duties entailed in administering new activities, such as the school lunch program. Professional staffs of these offices include superintendents or commissioners, deputy or assistant superintendents or commissioners, directors of divisions and chiefs of organized services, and supervisory personnel functioning at the State level.

Intermediate units, operating between State and local levels, reported staffs consisting of some 4,500 superintendents and other professional personnel, and approximately 1,500 clerical employees.

The administrative offices of the basic (ultimate) administrative units were staffed by some 18,000 superintendents and professional personnel, approximately 6,300 attendance personnel, and more than 22,000 clerical assistants, making a total of some 47,000 (table 2). In addition, the basic (ultimate) units employed approximately 9,200 supervisors, 39,000 principals, and 914,000 teachers (table 5).

Noninstructional personnel (tables 5 and 6), many of whom are part time, engage in clerical, health, dental, recreational, transportation, cafeteria, and operation and maintenance duties. It is estimated⁵ that more than 250,000 of such personnel are employed in basic (ultimate) units.

Instructional Staff in Public Elementary and Secondary Education

Number and Classification

The instructional staff (table 5) in 1949-50 consisted of approximately 914,000 teachers, 9,200 supervisors, and 39,000 principals. This constitutes a total of some 962,000, an increase of 6 percent over 1947-48. The duty of supervisors is to direct the teaching plans and procedures of teachers at a particular level or in a particular subject. Principals usually administer

⁵ It is necessary to estimate this total inasmuch as all States do not submit data on noninstructional personnel.

a building or group of buildings under a superintendent, with or without the aid of supervisors. The instructional staff includes all persons who supply services supplemental to instruction, such as library work, study hall, and guidance.

The percentage of men teachers (table 7) declined from 41.0 in 1870-71 to 14.1 in 1919-20. In subsequent years the proportion of men teachers has fluctuated within a range of from 15.3 to 22.2 percent. During World War II, in 1943-44, men teachers constituted only 15.3 percent of the total. Since then there has been a steady increase: 16.6 percent in 1945-46, 18.8 percent in 1947-48, and 21.3 percent in 1949-50.

Average Annual Salaries of Instructional Staff

The Office of Education has collected data on salaries of total instructional staff (supervisors, principals, and teachers) from 1919-20 until the present. Prior to that year information on salaries of teachers only had been gathered (table 1). It was not until 1912-13 that the average annual salary of teachers in public elementary and secondary schools attained the sum of five hundred dollars. The period since 1929-30 has been characterized—except for the years from 1933-34 to 1937-38—by steady increases. When expressed in terms of 1949-50 dollars⁶ (table I),⁷ however, the increases are not quite as large as they appear. The average annual salary for the United States,⁸ to illustrate, was \$1,420 in 1929-30 and \$3,010 in 1949-50 in terms of unadjusted dollars. This constitutes an increase of 112 percent. When the 1929-30 figure is expressed in terms of a 1949-50 dollar, however, the increase is only 50 percent. This is, it cannot be denied, still a considerable improvement in the lot of the teacher. It can scarcely stand comparison, however, with improvements in other sectors of the labor force. The average annual income per full-time employee in "agriculture, forestry, and fisheries" in 1929-30, for example, was \$442, admittedly very low; in 1949-50 it was \$1,357—an increase, in unadjusted dollars, of some 207 percent. This increase is some 85 percent greater than that which obtained among members of the instructional staff in full-time public elementary and secondary day schools. The shortage of teachers can hardly be overcome if the conditions of other workers, who require less training, improves at a more rapid rate. It might be added that incomes of workers in mining and manufacturing also increased more than those of public-school teachers, although not as much as those in agriculture, forestry, and fisheries.⁹

⁶ In adjusting to 1949-50 dollars, use was made of the Consumers' Price Index, Bureau of Labor Statistics, Department of Labor.

⁷ Table I is the only table in which cognizance has been taken of the depreciation in the value of the dollar. It is strongly suggested, however, that this fact be taken into consideration when making historical comparisons of the data set forth in this chapter.

⁸ Throughout this text the "United States" refers to the continental United States, and excludes the outlying parts unless otherwise noted.

⁹ Information on earnings in fields other than education is derived from data in *A Supplement to the Survey of Current Business, National Income, 1951 Edition*, p. 184-85,

Extraordinary differences (table I) exist in salaries paid by the several States. The figure for the State paying the highest average annual salary was three times that for the one paying the lowest.

Enrollment and Attendance in Public Elementary and Secondary Education

Total Enrollment

The secular increase in enrollments reflects three things: (1) an increasing number of children in the school-age population; (2) a greater proportion of that school-age population actually attending school; and (3) a tendency for those actually attending to remain in school longer.

There were 7.5 million pupils in full-time public elementary and secondary day schools in 1870-71. An increase was recorded in each decennial subsequently until the total reached 25.7 million in 1929-30 (table 8); and 26.4 million in 1933-34 (table II). Enrollments declined in each of the following 11 years, reaching a modern low of 23.2 million in 1944-45. Subsequently there has been an increase in each year, with 25.1 being the figure for 1949-50. The increases in enrollment for the last 5 years over each preceding year were 0.3 percent, 1.5 percent, 1.2 percent, 2.2 percent, and 2.6 percent. With the exception of the increase of 1.2 percent from 1946-47 to 1947-48, enrollment for these last 5 years has increased at an increasing rate.

The real increases have been somewhat greater than the percentages show due to the fact that each year the enrollment data became better, from the national point of view, as the States adopt the use E_1 and E_2 enrollments. E_1 enrollments are the "First entry of pupil in this State during the school year; pupil *NOT previously entered in another State* during that school year." E_2 enrollments are the "First entry of pupil in this State during the school year; pupil *previously entered in ANOTHER State* during that school year."

The E_1 enrollments reported in recent years (in order to eliminate duplications in the United States total are relatively smaller than the total $E_1 + E_2$ enrollment, reported in earlier years.

In addition to table 8, cited above, enrollment data are presented in tables 9 (population and enrollment, by level and sex, by State), 10 (enrollment by grade, for specified years), 11 (enrollment by grade and State), and 12 (enrollment in summer schools and in adult education classes).

Elementary School Enrollment

Enrollment reached its highest point, 21.3 million, in 1929-30 (table 1). It declined in each subsequent year through 1944-45 (to 17.7 million), after which year enrollment increased again, ending with 19.4 million in 1949-50 (table 10). The increase in enrollment in each of the last 5 years over each preceding year was, respectively, 0.07 percent, 0.8 percent, 2.6 percent, 2.9 percent, and 3.1 percent. This constitutes an increasing rate of increase.

Table 10 contains a breakdown of elementary and secondary enrollments, by grade, from 1938-39 to 1949-50; and table III supplements this data with percentage changes in grade enrollments for selected years.

High-School Enrollment (Last 4 Years of System and Postgraduates)

Enrollment in full-time public secondary day schools reached its peak of more than 6.7 million in 1940-41 (table IV). It declined 4.9 percent, 4.2 percent, and 9.3 percent in 1941-42, 1942-43, and 1943-44, respectively. The enrollment of fewer than 5.6 million in 1943-44 was the low for the decade. The figure of 5.7 million for 1949-50 is still approximately 1 million (15.0 percent) below that for 1940-41.

Declines in enrollment reflect the decline in birth rate during the 1930's. The increased birth rate of the past decade will be reflected in increased enrollments in the future. The increase in enrollment of 0.1 percent and 0.9 percent for 1948-49 and 1949-50, respectively, may be the beginning of this trend.

Ratio of Public Elementary and Secondary Enrollment to Population and Attendance

From 61.5 percent in 1870-71, the total number of children aged 5-17 who were enrolled in full-time public elementary and secondary day schools increased to 85.3 percent in 1939-40 (table 13). There was a decline, however, to 81.6 percent in 1949-50. The decline during the last decade may be attributed to three factors: (1) increased non-public-school enrollment; (2) reduced retardation; and (3) parenthetically, improved pupil accounting procedure. The percentage of enrollment in daily attendance increased from 86.7 to 88.7 during the last 10 years.

Table V presents data¹⁰ on the combined attendance of pupils and non-public-school pupils for October 1949.

Average Daily Attendance

The average daily attendance for 1949-50 was just short of 22.3 million (table XIV), a figure which represents 88.7 percent of total enrollment, the highest for any year since 1870-71. Table 15 gives the average daily attendance from 1870-71 to 1949-50.

From 1947-48 to 1949-50 the average length of term (table 16) increased almost imperceptibly, from 177.6 to 177.9 days. This is, however, the highest figure to date, and continues a steady trend in the direction of longer terms.

A similar situation exists in the case of the average number of days attended by each pupil enrolled. The figure for 1949-50 is 157.9 days (as contrasted with 155.1 for 1947-48), and continues the trend toward a greater number of days attended by each enrollee.

¹⁰ Taken from Current Population Reports, Population Characteristics, Series P-20, No. 30—April 26, 1950, School Enrollment of the Civilian Population: October 1949.

Tables VI and VII demonstrate, respectively, that the trend among the several States is toward a longer term and a greater number of days attended by each enrollee.

Pupil-Teacher Ratio

The pupil-teacher load, excluding supervisors and principals (table VIII), based on average daily attendance, increased from 24.3 in 1947-48 to 24.4 in 1949-50; based on enrollment, it decreased from 27.8 to 27.5 for the corresponding years. When computed on the basis of average daily attendance, it ranged from 14.9 to 30.2 in 1949-50 as compared with 15.0 to 29.8 in 1947-48. When computed on the basis of enrollment, the corresponding figures for 1949-50 are 16.5 and 33.8, as compared to those for 1947-48 of 17.0 and 33.6, respectively.

Public High-School Graduates

During 1949-50 some 10,000 fewer pupils graduated from public high schools than during 1947-48 (table 12). These graduates, more than a million of them, constituted 61.5 percent of the class entering in 1945-46 and 94.7 of those enrolled in the twelfth grade in 1949-50. Essentially the same ratios obtained in 1947-48.

Small Schools

Notwithstanding the fact that considerable consolidation has taken place, small public schools, restricted in what they can offer and expensive to the community, still linger on the educational scene (table IX). In 1949-50 there were just under 60,000 one-teacher schools. Although all States submitted data on one-teacher schools, only 30 submitted information on enrollment in such schools (table 17). The average enrollment in one-teacher schools for those States reporting enrollment data was 17.3.

There were 26 States which submitted information on both number of, and enrollment in, two-teacher schools; and 22 States which submitted similar data for three-teacher schools. The average enrollment for those States reporting both sets of figures was 50.2 pupils per two-teacher school and 88.7 per three-teacher school.

Small schools are related to small school districts. A total of more than 50,000 basic (ultimate) units in 35 States (out of a total of some 83,000 for the country as a whole) reported on the number of teachers per unit (table 19).

Of this universe of 50,000 units, more than 10,000 reported no teaching positions (presumably children are transported to other districts); more than 20,000 reported one teacher; and almost 10,000 reported at least 2, but fewer than 10, teachers—many doing their teaching in one-room schools. Assuming that the 50,000 units are representative of the universe, it appears

that some 81 percent of basic (ultimate) administrative units of the Nation have fewer than 10 teachers.

School Lunch Program

On June 4, 1946, Congress passed the School Lunch Act, which made provision for the Department of Agriculture to subsidize the purchase of certain food items and provide certain surpluses free for school-lunch purposes. During 1949-50 the share of public schools in the School Lunch Program was \$76.4 million, of which \$16.8 million was received in kind (Surplus Commodities Program). All States have provided staffs for the supervision of this program.

Some 44,000 schools served school lunches each day to an average of more than 5.9 million pupils, the largest number served at any one time being 6.8 million. The value of this program for the health of the Nation can scarcely be overestimated, particularly in view of the opportunity it provides for teaching children to choose healthful and nutritious food.

Finances of Public Elementary and Secondary Education

Inasmuch as public-school property is worth approximately \$11.4 billion, and, further, inasmuch as school expenditures exceeded \$5.8 billion in 1949-50, it cannot be denied that finance has become a considerable factor in school administration. Increasing expenditures are anticipated in coming years, especially in view of the fact that enrollment is increasing and that a large building program has been started.

Receipts

Revenue receipts increased from \$4.3 billion in 1947-48 to \$5.4 billion in 1949-50 (table X), an increase of some 26.2 percent. The increase from 1945-46 to 1947-48 was 40.9 percent.

Revenue receipts consist of appropriations from general Government funds, receipts from taxes levied for school purposes, income from permanent funds, receipts from leases of school lands, Federal aid for vocational education and school lunches, and receipts from miscellaneous sources (tables 21 to 25).

When the sources (Federal, State, county, and "local and subsidies") of revenue receipts are analyzed, it becomes evident that the secular trend is for receipts from State Governments and the Federal Government to increase and for those from County Governments and from "local (governments) and subsidies" (from educational foundations) to decline. Receipts from local sources, however, although a decreasing proportion of the total, still play the predominant role, constituting 51.2 percent of total revenue receipts in 1949-50; and receipts from the Federal Government, although an increasing proportion of the total, play a relatively minor role, constituting but 2.9

percent of the total in 1949-50. State and County Governments accounted for 39.8 percent and 6.1 percent of total revenue receipts, respectively, in 1949-50.

Table XI presents information on the breakdown of receipts from taxation and appropriation—which constitute all but a small part of total revenue receipts: 92.4 percent in 1949-50 (table XII)—by source (State, county, and local). This information corroborates the conclusion cited above: namely, that the secular trend has been for an increasing share of educational support to originate with the State Government, and, concomitantly, for decreasing shares to come from County and local governments. This appears to be salutary in that it tends to improve educational standards for those local units which are less favored financially.

Non-revenue receipts increased from \$557.9 million in 1947-48 to \$964 million in 1949-50, an increase of 72.8 percent. All but some \$100 million of this sum was derived from the sale of bonds and loans, and will be used for new construction.

Total Expenditure

Total expenditure (current expenditure, capital outlay, and interest) by full-time public elementary and secondary day schools, summer schools, and adult classes was in excess of \$5.8 billion in 1949-50 (table 30). A breakdown of this total into its component parts, for selected years, is set forth in table XIII.

Current Expenditure

Current expenditure embraces administration (general control) (tables 20 and 26), instruction (table 26), operation of plant, maintenance of plant, auxiliary services¹¹ (table 27), and fixed charges¹² (table 28). In 1949-50 total current expenditure was just under \$4.7 billion (table 30), of which \$33.8 million was for community services—not chargeable to the education of pupils. (The figures for current expenditure for selected years since 1929-30, broken down into their component parts, can be found in table XIII). A considerable increase has taken place in all accounts; expenditure for instruction and auxiliary services has, however, shown the greatest increase. The school lunch program has contributed greatly to the expanding of the latter account.

Annual Current Expenditure per Pupil in Average Daily Attendance

The annual expenditure per pupil in average daily attendance¹³ for 1949-50 was some \$209, as contrasted with some \$179 for 1947-48 (tables XIV

¹¹ Include transportation of pupils, school health services, the school lunch program, and deficits for extracurricular activities.

¹² Include expenditures for insurance and school contributions to teacher retirement funds. Interest is not included; it is a separate account.

¹³ Derived by dividing total current expenditure (excluding community services) for full-time public elementary and secondary day schools by average daily attendance.

and 31). The differences among the several States are great, the range in 1949-50 being from approximately \$80 to \$295, as contrasted with a range of from approximately \$32 to \$138 in 1929-30.

Expenditure for Transportation of Pupils

The transportation account has increased from \$176.3 million in 1947-48 to \$214.5 million in 1949-50, some 21.9 percent. Although all States reported total expenditure for transportation, only 20 were able to allocate this total among operation, maintenance, and "other (including contract service)." These latter data (table XV) should be of value to those especially interested in transportation expenditure.

The transportation at public expense of 6.9 million pupils, or 27.7 percent of all pupils enrolled (table 18), costs \$31 per pupil transported for the Nation as a whole. We may expect more pupils to be transported at public expense in the future, not only in view of the anticipated increase in enrollment, but also because of the continuing trend toward consolidation of small districts into larger units.

Capital Outlay

During the war year 1943-44, expenditure for capital outlay declined to a low of \$53.9 million. It increased to \$111 million in 1945-46, and to \$412.4 million in 1947-48. The figure for 1949-50 is slightly in excess of one billion dollars (table 29). We may anticipate a continuing trend upward, inasmuch as a building program is in progress which will offset depreciation and war-delayed construction, and will provide capacity to absorb the anticipated increase in enrollment which is a concomitant of an increased birth rate.

Interest

The figure for interest payments for 1949-50, in excess of \$100 million (table 30), constitutes an increase of some 25 percent. This reverses a war-time trend toward smaller interest payments, the result of the dearth of school construction and a concomitant retiring of old bonds more rapidly than new ones were issued. In view of the current and anticipated increase in construction, we may anticipate a considerable increase in interest payments in the future. Table XVI contains data on expenditure for interest payments per pupil in average daily attendance for selected years.

School Property

Total investment in public-school property (plant) amounts to \$11.4 billion (original cost), or \$454 per pupil enrolled (table 32). These figures constitute considerable increases over the corresponding figures for 1947-48, or \$9.2 billion and \$385, respectively. In addition to plant, the assets of school systems consist of \$877 million in permanent funds (table 33)—the interest on which must be used for school purposes—, and some 31 million

acres of school lands which have not as yet been sold, and some of which are being leased to provide some \$8 million of income for school purposes (table 21).

School Indebtedness

School indebtedness (bonds, short-term loans, and bills outstanding from the preceding year) amounted to \$3.1 billion in 1931-32, but had declined to \$2.1 billion by 1945-46. Increases were recorded for the following two biennials, the amounts being \$2.6 and \$3.3 billion in 1947-48 and 1949-50 (table 34), respectively. These increases reflect, of course, increased building activity.

Indebtedness per pupil in average daily attendance varies greatly among the several States, the range being, in 1949-50, from slightly more than \$6 to almost \$322 (table XVI).

A few of the States were unable to furnish data on indebtedness; in such instances the amounts reported by cities were used. In some States, furthermore, all debt is handled by cities or towns, rather than by a separate school administrative unit—which increases the difficulties in obtaining accurate and comparable data.

Retirement Funds

All States provide some form of pension or retirement for their professional staffs, and, in many cases, for all school employees. Many States (and cities) provide for all their employees, both school and nonschool. An attempt has been made to assemble such data by States, separating retirement expenditure for educational from other governmental personnel where such were embraced by a single retirement system. Tables XVII and 35 present as complete a set of data as it was possible to assemble, given the inherent difficulties.

The balance of approximately \$2.5 billion in 1949-50 (table 35) is some \$0.5 billion greater than that in 1947-48.

*Public Elementary and Secondary Schools for Negroes*¹⁴

Inasmuch as separate schools for white and for Negro pupils are maintained by 17 States¹⁵ and the District of Columbia, the Office of Education requests that separate reports be submitted. Many of the data requested on schools for Negroes are not, however, available, the result of the present methods of keeping records, and there is a tendency, furthermore, to keep only one set of financial accounts for the two races.

¹⁴ Data on Negro schools (tables 36 to 45) are also incorporated in all tables containing data for public elementary and secondary schools.

¹⁵ Some *de facto* segregated schools for Negroes also exist in a few additional States where segregation of Negro school children is not uniformly or systematically practiced. No attempt is made in this report to present separate statistics for such schools.

Enrollment

Enrollment in public Negro elementary and secondary schools continued to increase until 1939-40. The declining birth rate of the 1930's, together with war conditions in general, however, was reflected in a decline in enrollment during the period 1940-41 to 1945-46, the low point of the decade being recorded in the latter year. Increases, reflecting a higher birth rate in the 1940's and a tendency for a greater proportion of youth of high-school age to attend high school, were recorded in the following two biennials, 2.4 million being the figure for 1949-50 (table 36). Inherent in this figure is an increase of 2.6 percent in elementary enrollment in 1949-50 over 1947-48, and one of 13.0 percent in high-school enrollment. An increasing proportion of total enrollment consists of high-school pupils. The figures for 1945-46, 1947-48, and 1949-50 were 12.0, 13.0, and 14.1 percent, respectively.

Attendance and School Term

In 1945-46 average daily attendance was just under 1.9 million, some 81.1 percent of all enrollees; in 1947-48, somewhat more than 1.9 million, some 83.4 percent of enrollees; and in 1949-50 (table 42), in excess of 2.0 million, some 85.3 percent of enrollees. The percentage of attendance has increased in each biennium since 1870-71, when statistics were first collected by the Office of Education.

The average length of school term has increased from 171.6 days in 1947-48 to 173.4 in 1949-50. The average number of days attended by each pupil enrolled increased from 97 days in 1929-30, to 143.1 in 1947-48, and 147.9 in 1949-50.

Teachers and Other Instructional Staff

There were 71.4 thousand teachers¹⁶ in Negro public schools in 1949-50, as compared with 67.1 thousand in 1947-48, an increase of some 6.3 percent. In 1947-48 the pupil-teacher load in white schools was 29.1¹⁷ and in Negro schools, 34.4. The corresponding figures for 1949-50 were 28.7 and 33.6.

Insofar as salaries are concerned, only 10 States and the District of Columbia submitted data from which average salaries could be calculated (table 43). In 4 of the cases the average salary of Negro teachers compared quite favorably with that for white teachers. In the remaining 7 cases the average salary of Negro teachers was lower, in some instances, considerably.

Finances

It is difficult to obtain financial data on Negro schools, inasmuch as even in those States in which segregation obtains and in which separate records are maintained, this separation extends, in general, only to personnel, and not to financial, data. Data for some States are available, however, and indi-

¹⁶ Including other instructional staff (exclusive of supervisors and principals).

¹⁷ This is the figure for the 17 States (and the District of Columbia) in which segregation obtains. The pupil-teacher ratio for the entire United States was 27.8 in 1947-48 and 27.5 in 1949-50.

cate considerable increases in expenditure for Negro elementary and secondary public schools (table XVIII).

Nonpublic Elementary and Secondary Education

Tables 47 and 48 give the number of teachers and pupils in nonpublic (private and parochial) elementary and secondary schools. Table 49 gives the number of schools, teachers, and pupils in Roman Catholic schools. Table XIX shows the number of non-public-school teachers and pupils for selected years.

Table I.—Average annual salary per member of instructional staff¹ in full-time public elementary and secondary day schools, unadjusted and adjusted to 1949-50 purchasing power, by State, for specified years

State, by region	Average salary in unadjusted dollars					Average salary adjusted to purchasing power in 1949-50 dollars ²				
	1929-30	1939-40	1943-44	1947-48	1949-50	1929-30	1939-40	1943-44	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10	11
Continental United States	\$1,420	\$1,441	\$1,728	\$2,639	\$3,010	\$2,006	\$2,437	\$2,347	\$2,673	\$3,010
NEW ENGLAND:										
Maine.....	942	894	1,158	1,767	2,115	1,331	1,512	1,573	1,790	2,115
New Hampshire.....	1,254	1,258	1,366	2,355	2,712	1,772	2,127	1,855	2,386	2,712
Vermont.....	963	981	1,165	2,066	2,348	1,361	1,659	1,582	2,093	2,348
Massachusetts.....	1,875	2,037	2,219	3,103	3,338	2,649	3,445	3,013	3,143	3,338
Rhode Island.....	1,437	1,809	2,042	3,105	3,294	2,030	3,059	2,773	3,145	3,294
Connecticut.....	1,812	1,861	2,019	3,249	3,558	2,560	3,147	2,742	3,291	3,558
MIDDLE ATLANTIC:										
New York.....	2,493	2,604	2,726	3,476	3,706	3,523	4,403	3,702	3,521	3,706
New Jersey.....	2,113	2,093	2,353	3,102	3,511	2,986	3,539	3,195	3,142	3,511
Pennsylvania.....	1,620	1,640	1,972	2,597	3,006	2,289	2,773	2,678	2,631	3,006
EAST NORTH CENTRAL:										
Ohio.....	1,665	1,587	1,912	2,847	3,088	2,353	2,684	2,596	2,884	3,088
Indiana.....	1,466	1,433	1,833	3,073	3,401	2,071	2,423	2,489	3,113	3,401
Illinois.....	1,630	1,700	2,018	3,016	3,458	2,303	2,875	2,740	3,055	3,458
Michigan.....	1,534	1,576	2,013	3,020	3,420	2,168	2,665	2,734	3,059	3,420
Wisconsin.....	1,399	1,379	1,705	2,560	3,007	1,977	2,332	2,315	2,593	3,007
WEST NORTH CENTRAL:										
Minnesota.....	1,251	1,276	1,567	2,482	3,013	1,768	2,158	2,128	2,514	3,013
Iowa.....	1,094	1,017	1,289	2,088	2,420	1,546	1,720	1,750	2,115	2,420
Missouri.....	1,235	1,159	1,410	2,099	2,581	1,745	1,960	1,915	2,126	2,581
North Dakota.....	900	745	1,059	1,665	2,324	1,272	1,260	1,438	1,687	2,324
South Dakota.....	956	807	1,158	1,883	2,064	1,351	1,365	1,573	1,907	2,064
Nebraska.....	1,077	829	1,159	1,919	2,292	1,522	1,402	1,574	1,944	2,292
Kansas.....	1,159	1,014	1,313	2,191	2,628	1,638	1,715	1,783	2,219	2,628
SOUTH ATLANTIC:										
Delaware.....	1,570	1,684	1,932	2,642	3,273	2,218	2,848	2,624	2,676	3,273
Maryland.....	1,518	1,642	2,069	3,321	3,594	2,145	2,777	2,810	3,364	3,594
Virginia.....	861	899	1,308	2,062	2,328	1,217	1,520	1,776	2,089	2,328
West Virginia.....	1,023	1,170	1,508	2,364	2,425	1,445	1,978	2,048	2,395	2,425
North Carolina.....	873	946	1,342	2,114	2,688	1,234	1,600	1,822	2,141	2,688
South Carolina.....	788	743	973	1,742	1,891	1,113	1,256	1,321	1,765	1,891
Georgia.....	684	770	923	1,724	1,963	966	1,302	1,253	1,746	1,963
Florida.....	876	1,012	1,390	2,641	2,958	1,238	1,711	1,888	2,675	2,958
District of Columbia.....	2,269	2,350	2,610	3,411	3,920	3,206	3,974	3,544	3,455	3,920
EAST SOUTH CENTRAL:										
Kentucky.....	896	826	1,158	1,884	1,936	1,266	1,397	1,573	1,908	1,936
Tennessee.....	902	862	1,062	1,901	2,302	1,275	1,458	1,442	1,926	2,302
Alabama.....	792	744	1,009	1,957	2,111	1,119	1,258	1,370	1,982	2,111
Mississippi.....	620	559	790	1,256	1,416	876	945	1,073	1,272	1,416
WEST SOUTH CENTRAL:										
Arkansas.....	673	584	845	1,545	1,801	951	988	1,148	1,565	1,801
Louisiana.....	941	1,006	1,427	2,236	2,983	1,330	1,701	1,938	2,265	2,983
Oklahoma.....	1,070	1,014	1,429	2,277	2,736	1,512	1,715	1,941	2,307	2,736
Texas.....	924	1,079	1,329	2,585	3,122	1,306	1,825	1,805	2,619	3,122
MOUNTAIN:										
Montana.....	1,215	1,184	1,453	2,582	2,962	1,717	2,002	1,973	2,616	2,962
Idaho.....	1,200	1,057	1,379	2,239	2,481	1,696	1,787	1,873	2,268	2,481
Wyoming.....	1,239	1,169	1,471	2,187	2,798	1,751	1,977	1,998	2,215	2,798
Colorado.....	1,453	1,393	1,600	2,540	2,821	2,053	2,356	2,173	2,573	2,821
New Mexico.....	1,113	1,144	1,456	2,741	3,215	1,573	1,935	1,977	2,777	3,215
Arizona.....	1,637	1,544	1,903	3,136	3,556	2,313	2,611	2,584	3,177	3,556
Utah.....	1,330	1,394	1,792	2,968	3,103	1,879	2,357	2,434	3,007	3,103
Nevada.....	1,483	1,557	1,876	2,988	3,209	2,095	2,633	2,548	3,027	3,209
PACIFIC:										
Washington.....	1,556	1,706	2,099	3,325	3,487	2,199	2,885	2,850	3,368	3,487
Oregon.....	1,612	1,333	1,809	2,941	3,323	2,278	2,254	2,457	2,979	3,323
California.....	2,123	2,351	2,616	3,690	4,268	3,000	3,976	3,553	3,738	4,268

¹ Instructional staff consists of supervisors, principals, and teachers.

² Adjusted according to Consumers' Price Index, Bureau of Labor Statistics, U. S. Department of Labor.

Table II.—Enrollment and average daily attendance in full-time elementary and secondary day schools, and ratio (percent) of average daily attendance to enrollment, for specified years

Year	Enrollment (thou- sands)	Average daily attend- ance (thou- sands)	Percent average daily attend- ance is of enroll- ment	Year	Enroll- ment (thou- sands)	Average daily attend- ance (thou- sands)	Percent average daily attend- ance is of enroll- ment
1	2	3	4	1	2	3	4
1909-10.....	17,814	12,827	72.0	1941-42.....	24,562	21,031	85.6
1919-20.....	21,578	16,150	74.8	1942-43.....	24,155	20,293	84.0
1929-30.....	23,678	21,265	90.2	1943-44.....	23,267	19,603	84.3
1931-32.....	20,275	22,245	84.7	1944-45.....	23,226	19,671	84.7
1933-34.....	20,434	22,458	85.0	1945-46.....	23,300	19,849	85.2
1935-36.....	20,367	22,299	84.6	1946-47.....	23,657	20,449	86.4
1937-38.....	25,975	22,298	85.8	1947-48.....	23,945	20,910	87.3
1939-40.....	25,434	22,042	86.7	1948-49.....	24,477	21,496	87.8
1940-41.....	25,296	21,547	85.2	1949-50.....	25,111	22,284	88.7

Table III.—Enrollment in full-time elementary and secondary day schools and percent of change, by grade, for specified years

Grade	Enrollment (thousands)				Percent of change			
	1939-40	1943-44	1947-48	1949-50	1939-40 to 1943-44	1943-44 to 1947-48	1947-48 to 1949-50	1939-40 to 1949-50
1	2	3	4	5	6	7	8	9
Total elementary and high- school pupils...	25,434	23,267	23,945	25,111	-8.5	+2.9	+4.9	-1.3
Total elementary school pupils...	18,832	17,713	18,291	19,405	-5.9	+3.3	+6.1	+3.0
Kindergarten.....	595	697	989	1,034	+17.3	+41.9	+4.6	+73.8
First grade.....	3,018	2,879	2,951	3,170	-4.6	+2.5	+7.4	+5.0
Second grade.....	2,333	2,221	2,363	2,645	-4.8	+6.4	+11.9	+13.4
Third grade.....	2,332	2,163	2,259	2,396	-7.2	+4.4	+6.1	+2.7
Fourth grade.....	2,322	2,080	2,183	2,254	-10.4	+5.0	+3.2	-2.9
Fifth grade.....	2,248	2,017	2,055	2,151	-10.3	+1.9	+4.7	-4.3
Sixth grade.....	2,176	1,998	1,940	2,056	-8.2	-2.9	+6.0	-5.5
Seventh grade.....	2,108	1,965	1,898	1,947	-6.8	-3.4	+2.6	-7.6
Eighth grade.....	1,701	1,694	1,653	1,752	-0.4	-2.4	+6.0	+3.0
Total high- school pupils...	6,601	5,554	5,653	5,707	-15.9	+1.8	+1.0	-13.6
First year.....	2,011	1,775	1,673	1,756	-11.8	-5.8	+5.0	-12.7
Second year.....	1,767	1,520	1,503	1,512	-14.0	-1.1	+0.6	-14.4
Third year.....	1,486	1,230	1,272	1,274	-17.2	+3.4	+0.2	-14.3
Fourth year.....	1,282	1,010	1,131	1,123	-21.2	+12.0	-0.7	-12.4
Postgraduate.....	55	20	75	42	-64.8	+275.0	-44.0	-23.6

Table IV.—Enrollment in public high-school grades (last 4 years of secondary school system)¹ and percent of change, by sex, for specified years

Year	Enrollments (thousands)			Percent		Percent of change over previous enrollment given ¹
	Total	Boys	Girls	Boys	Girls	
1	2	3	4	5	6	7
1909-10.....	915	398	517	43.6	56.4	-----
1919-20.....	2,200	992	1,208	45.1	54.9	140.4
1929-30.....	4,399	2,115	2,284	48.1	51.9	99.9
1931-32.....	5,140	2,531	2,609	49.2	50.8	16.8
1933-34.....	5,669	2,802	2,867	49.4	50.6	10.3
1935-36.....	5,975	2,949	3,026	49.4	50.6	5.4
1937-38.....	6,227	3,033	3,194	48.7	51.3	4.2
1939-40.....	6,601	3,251	3,350	49.2	50.8	6.0
1940-41.....	6,714	3,274	3,440	48.8	51.2	1.7
1941-42.....	6,388	3,090	3,298	48.4	51.6	-4.9
1942-43.....	6,122	2,892	3,230	47.2	52.8	-4.2
1943-44.....	5,554	2,554	3,000	46.0	54.0	-9.3
1944-45.....	5,560	2,566	2,994	46.1	53.9	.1
1945-46.....	5,622	2,633	2,989	46.8	53.2	1.1
1946-47.....	5,838	2,823	3,015	48.4	51.6	3.8
1947-48.....	5,653	2,747	2,906	48.6	51.4	-3.2
1948-49.....	5,658	2,759	2,899	48.8	51.2	.1
1949-50.....	5,707	2,812	2,895	49.3	50.7	.9

¹ Including 9 to 12 and postgraduate grades.**Table V.—School attendance of noninstitutional population, aged 5-17 years (public and nonpublic schools), October 1949¹**

Age ²	Total population (thousands)	Enrollment in school	
		Number (thousands)	Percent
1	2	3	4
5 years.....	2,865	1,578	55.1
6 years.....	3,015	2,901	96.2
7 to 9 years.....	7,640	7,528	98.5
10 to 13 years.....	8,966	8,846	98.7
Total 6 to 13 years.....	19,621	19,275	98.2
14 to 15 years.....	4,193	3,922	93.5
16 to 17 years.....	4,110	2,856	69.5
Total 14 to 17 years.....	8,303	6,778	81.6
Total 5 to 17 years.....	30,789	27,631	89.7

¹ Current Population Reports, Population Characteristics, Series P-20, No. 30—April 26, 1950. School Enrollment of the Civilian Population; October, 1949.² 5-year-olds correspond roughly to kindergarten, 6-13-year-olds to elementary grades, and 14-17-year-olds to high school.

Table VIII.—Number of pupils in average daily attendance in full-time public elementary and secondary day schools, per classroom teacher, by State, for specified years¹

State	1939-40	1941-42	1943-44	1945-46	1947-48	1949-50
1	2	3	4	5	6	7
Continental United States..	25.2	24.5	23.7	23.9	24.3	24.4
Alabama.....	29.2	28.8	27.1	27.2	26.7	27.5
Arizona.....	26.1	26.0	25.4	24.4	25.0	24.6
Arkansas.....	29.1	27.8	26.0	26.2	27.3	27.6
California.....	27.6	25.9	26.2	27.9	29.2	29.5
Colorado.....	22.3	21.0	20.5	21.0	21.3	21.8
Connecticut.....	26.6	24.0	20.8	22.9	23.2	23.0
Delaware.....	24.1	23.1	22.3	22.2	21.5	22.1
Florida.....	24.8	23.3	24.5	24.4	24.2	24.5
Georgia.....	25.6	26.4	23.9	24.9	25.6	25.4
Idaho.....	23.5	22.2	22.9	24.6	25.8	25.0
Illinois.....	23.8	23.2	22.3	22.5	22.8	21.8
Indiana.....	27.5	26.6	27.3	25.0	25.0	25.1
Iowa.....	19.5	18.8	18.1	19.2	19.2	19.6
Kansas.....	19.6	19.3	18.1	19.0	18.9	20.0
Kentucky.....	26.2	26.2	24.7	24.7	25.4	26.7
Louisiana.....	26.8	26.0	25.1	26.9	26.9	26.9
Maine.....	24.1	23.1	23.9	22.1	22.9	22.9
Maryland.....	29.8	29.2	28.9	28.3	27.3	27.0
Massachusetts.....	25.4	23.9	21.6	21.9	23.4	22.8
Michigan.....	26.3	26.6	26.0	26.2	26.5	26.6
Minnesota.....	21.5	21.1	20.4	20.9	21.7	22.2
Mississippi.....	32.1	29.7	28.9	30.1	29.6	30.2
Missouri.....	22.7	22.8	22.4	23.1	23.2	24.8
Montana.....	18.9	17.5	16.5	17.2	18.3	20.6
Nebraska.....	17.6	16.5	16.0	16.4	16.8	17.0
Nevada.....	20.1	21.0	20.9	20.5	21.3	21.7
New Hampshire.....	22.9	21.9	19.6	19.3	22.3	23.3
New Jersey.....	23.5	22.4	21.1	21.0	21.4	21.5
New Mexico.....	28.0	27.0	25.9	25.9	25.7	24.6
New York.....	23.8	23.4	23.0	21.2	21.7	21.3
North Carolina.....	32.2	31.2	29.7	29.3	29.8	29.0
North Dakota.....	17.2	15.6	15.0	15.5	15.8	15.8
Ohio.....	25.7	26.4	25.5	25.3	25.3	25.4
Oklahoma.....	24.0	24.8	24.1	24.8	24.9	24.7
Oregon.....	22.8	22.4	23.2	24.3	24.1	22.4
Pennsylvania.....	27.4	26.5	24.5	24.7	24.1	25.3
Rhode Island.....	26.4	22.9	21.8	21.2	22.4	21.0
South Carolina.....	25.6	25.2	24.1	23.5	23.9	24.7
South Dakota.....	15.3	14.6	13.7	14.4	15.0	14.9
Tennessee.....	26.6	25.9	25.3	25.5	26.4	26.3
Texas.....	24.7	23.1	23.4	23.8	23.9	23.0
Utah.....	28.0	27.4	27.2	28.9	28.0	29.0
Vermont.....	21.3	20.2	19.1	22.0	22.7	23.4
Virginia.....	27.9	27.8	26.5	28.5	28.3	28.2
Washington.....	25.9	25.9	24.8	24.4	24.6	24.4
West Virginia.....	28.9	25.3	23.5	24.4	27.7	28.2
Wisconsin.....	23.7	23.1	22.3	21.9	22.2	21.6
Wyoming.....	18.5	16.8	17.8	17.9	19.1	19.2
District of Columbia.....	27.1	26.1	24.6	24.4	25.4	25.2
Outlying parts of the United States.....	36.5	38.7	35.4	32.1	35.2	35.2
Alaska.....	17.4	18.5	17.9	18.9	18.7	20.3
Canal Zone.....	27.6	24.6	25.2	20.1	26.7	27.0
Guam.....	32.2					
Hawaii.....	28.4		27.6	24.3	26.6	26.6
Puerto Rico.....	42.1	40.3	39.8	36.9	39.4	41.2
Virgin Islands.....		27.8	23.9			31.0

¹ These figures are based on actual attendance. The national average number of pupils enrolled per teacher would be 27.5 for 1949-50.

Table IX.—Number of 1-room 1-teacher public-school buildings in use, for specified years

Year	All buildings in use	1-room 1-teacher buildings		Year	All buildings in use	1-room 1-teacher buildings	
		Number	Percent of total			Number	Percent of total
1	2	3	4	1	2	3	4
1909-10-----	265,474	212,448	80.0	1937-38-----	229,394	121,178	52.8
1919-20-----	271,319	187,948	69.3	1939-40-----	226,762	113,600	50.1
1923-24-----	263,280	165,417	62.8	1941-42-----	222,660	107,692	48.4
1927-28-----	255,551	153,306	60.0	1943-44-----	209,309	96,302	46.0
1929-30-----	248,117	148,712	59.9	1945-46-----		86,563	-----
1931-32-----	245,951	143,445	58.3	1947-48-----		75,096	-----
1933-34-----	242,929	138,542	57.0	1949-50-----		59,852	-----
1935-36-----	237,816	130,708	55.0				

Table X.—Revenue receipts of public-school systems, by source, for specified years

Source	1929-30		1939-40		1941-42		1943-44		1945-46		1947-48		1949-50	
	Amount (thousands)	Per- cent	Amount (thousands)	Per- cent	Amount (thousands)	Per- cent	Amount (thousands)	Per- cent	Amount (thousands)	Per- cent	Amount (thousands)	Per- cent	Amount (thousands)	Per- cent
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total.....	\$2,088,557	100.0	\$2,260,527	100.0	\$2,416,530	100.0	\$2,604,322	100.0	\$3,059,845	100.0	\$4,311,534	100.0	\$5,442,004	100.0
Federal.....	7,334	.4	39,810	1.7	34,305	1.4	35,886	1.4	41,378	1.4	120,270	2.8	155,848	2.9
State.....	353,670	16.9	684,354	30.3	759,993	31.5	859,183	33.0	1,062,057	34.7	1,676,362	38.9	2,165,689	39.8
County.....	216,747	10.4	151,097	6.7	150,223	6.2	146,243	5.6	1,185,097	6.0	229,761	5.3	333,849	6.1
Local and subsidies.....	1,510,806	72.3	1,385,266	61.3	1,472,058	60.9	1,563,010	60.0	1,771,312	57.9	2,285,141	53.0	2,786,618	51.2

Table XI.—Percent of receipts from taxation and appropriation obtained from State, county, and local sources, respectively, by State, for specified years

State	State			County			Local		
	1929-30	1939-40	1949-50	1929-30	1939-40	1949-50	1929-30	1939-40	1949-50
1	2	3	4	5	6	7	8	9	10
Continental United States..	16.7	30.7	42.2	10.6	6.7	6.2	72.7	62.6	51.6
Alabama.....	43.7	58.6	77.2	29.7	22.8	13.0	26.6	18.6	9.8
Arizona.....	17.4	21.2	35.1	38.4	38.2	11.3	44.2	40.6	53.6
Arkansas.....	33.6	46.0	63.0	2.9	3.8	2.0	63.5	50.2	35.0
California.....	25.1	47.8	43.3	36.9	2.0	2.0	38.0	50.2	54.7
Colorado.....	.1	5.5	20.1	26.5	20.7	13.1	73.4	73.8	66.8
Connecticut.....	7.5	8.8	24.2	-----	-----	-----	92.5	91.2	75.8
Delaware.....	88.1	92.7	87.5	-----	-----	-----	11.9	7.3	12.5
Florida.....	21.6	51.8	55.0	29.6	17.0	20.2	48.8	31.2	24.8
Georgia.....	36.5	58.2	71.9	30.1	16.6	17.8	33.4	25.2	10.3
Idaho.....	.6	12.0	21.4	27.9	25.6	20.5	71.5	62.4	58.1
Illinois.....	4.5	10.2	19.1	-----	.1	.1	95.5	89.7	80.8
Indiana.....	1.7	33.2	38.5	-----	.6	-----	98.3	66.2	61.5
Iowa.....	3.3	1.1	19.9	-----	2.6	.8	96.7	96.3	79.3
Kansas.....	.1	11.7	25.4	-----	14.4	19.4	99.9	73.9	55.2
Kentucky.....	26.3	41.8	39.5	29.0	26.6	31.3	44.7	31.6	29.2
Louisiana.....	25.2	56.9	75.1	54.5	30.2	20.4	20.3	12.9	4.5
Maine.....	29.0	15.9	28.6	-----	-----	-----	71.0	84.1	71.4
Maryland.....	17.3	21.9	39.9	34.3	31.3	31.9	48.4	46.8	28.2
Massachusetts.....	9.0	10.2	20.7	-----	-----	-----	91.0	89.8	79.3
Michigan.....	19.9	46.0	55.2	-----	.5	.2	80.1	53.5	44.6
Minnesota.....	17.3	35.2	36.5	5.0	1.6	7.9	77.7	63.2	55.6
Mississippi.....	32.9	38.6	52.2	23.1	20.0	14.3	44.0	41.4	33.5
Missouri.....	10.7	35.8	41.0	4.2	.4	5.2	85.1	63.8	53.8
Montana.....	3.7	8.4	22.3	43.2	20.4	39.0	53.1	71.2	38.7
Nebraska.....	.7	1.1	3.2	-----	1.0	.5	99.3	97.9	96.3
Nevada.....	13.2	20.3	40.3	58.6	58.4	28.3	28.2	21.3	31.4
New Hampshire.....	8.8	5.5	4.7	-----	-----	-----	91.2	94.5	95.3
New Jersey.....	21.0	5.7	19.1	.8	14.9	1.1	78.2	79.4	79.8
New Mexico.....	3.5	69.3	88.0	74.7	13.2	6.1	21.8	17.5	5.9
New York.....	28.6	33.9	41.4	-----	-----	-----	71.4	66.1	58.6
North Carolina.....	1.4	71.2	78.6	61.2	20.7	15.6	37.4	8.1	5.8
North Dakota.....	2.8	14.4	24.1	7.8	8.7	20.5	89.4	76.9	55.4
Ohio.....	3.6	37.7	34.5	32.4	1.5	.2	64.0	60.8	65.3
Oklahoma.....	5.9	40.2	58.0	8.5	6.4	3.2	85.6	53.4	38.8
Oregon.....	-----	.4	32.1	18.5	25.9	1.4	81.5	73.7	66.5
Pennsylvania.....	14.0	21.2	38.6	-----	-----	-----	86.0	78.8	61.4
Rhode Island.....	8.3	10.7	20.7	-----	-----	-----	91.7	89.3	79.3
South Carolina.....	26.9	49.9	67.1	27.0	5.3	6.8	46.1	44.8	26.1
South Dakota.....	.5	8.5	8.5	-----	3.5	1.7	99.5	88.0	89.8
Tennessee.....	23.7	34.3	59.9	35.6	49.6	31.0	40.7	16.1	9.1
Texas.....	35.9	41.3	64.1	-----	-----	3.4	64.1	58.7	32.5
Utah.....	32.1	41.3	52.0	-----	35.5	-----	67.9	23.2	48.0
Vermont.....	12.4	17.1	28.5	-----	-----	-----	87.6	82.9	71.5
Virginia.....	28.5	34.7	43.1	31.5	37.7	33.8	40.0	27.6	23.1
Washington.....	26.2	61.3	71.2	16.1	5.5	.7	57.7	33.2	28.1
West Virginia.....	7.7	52.4	66.1	-----	47.6	33.9	92.3	-----	-----
Wisconsin.....	16.2	18.7	18.3	8.6	9.6	12.5	75.2	71.7	69.2
Wyoming.....	1.3	5.9	28.6	25.7	27.6	12.2	73.0	66.5	59.2
District of Columbia.....	¹ 22.9	¹ 14.6	¹ 8.2	-----	-----	-----	77.1	85.4	91.8

¹ Federal funds.

Table XII.—Sources of revenue receipts of State school systems (elementary and secondary education), and comparison of revenue receipts, 1947-48 and 1949-50

Source	Receipts (thousands of dollars)		Percent change
	1947-48	1949-50	
1	2	3	4
Total	4,311,534	5,442,004	+26.2
Leases of school lands and permanent funds.....	40,405	35,019	-13.3
Taxation and appropriation.....	4,004,695	5,028,325	+25.6
All other sources.....	266,434	378,661	+42.1

Table XIII.—Expenditures of State school systems (elementary and secondary education), excluding debt retirement, by purpose, for specified years

[Thousands]

Purpose	1929-30	1939-40	1941-42	1943-44	1945-46	1947-48	1949-50
1	2	3	4	5	6	7	8
Total current expenditure ¹ ..	\$1,843,552	\$1,941,799	\$2,067,660	\$2,293,337	\$2,707,441	\$3,794,702	\$4,687,274
Administration or general control..	78,680	91,571	101,463	110,631	132,899	169,999	220,050
Instruction.....	1,317,727	1,403,285	1,457,877	1,590,634	1,853,911	2,571,539	3,112,340
Operation.....	216,072	194,365	209,788	238,774	270,280	356,628	427,587
Maintenance.....	78,810	73,321	78,862	77,324	101,254	169,536	214,164
Auxiliary services..	101,993	129,141	138,951	169,523	213,617	336,688	451,663
Fixed charges.....	50,270	50,116	80,719	106,452	135,480	190,311	261,469
Capital outlay.....	370,878	257,974	137,552	53,856	111,046	412,467	1,014,176
Interest.....	92,536	130,909	108,781	96,805	76,923	76,331	100,578
Summer and part-time adult schools	9,825	13,367	8,704	8,583	11,477	27,676	35,614

¹ Current expenditure for day schools includes only: administration or general control, instruction, operation, maintenance, auxiliary services, and fixed charges.

Table XIV.—Current expenditure (excluding interest) per pupil in average daily attendance in full-time public elementary and secondary day schools, by State, for specified years

State	1929-30	1933-34	1937-38	1939-40	1941-42	1943-44	1945-46	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10
Continental United States..	\$86.70	\$67.48	\$83.87	\$88.09	\$98.31	\$116.99	\$136.41	\$179.43	\$208.83
Alabama.....	37.28	30.09	34.27	36.16	39.75	54.17	68.57	106.28	117.09
Arizona.....	109.12	77.11	94.16	96.26	104.66	120.10	136.93	203.62	240.70
Arkansas.....	33.56	22.60	31.62	31.35	38.59	52.36	64.76	92.93	111.71
California.....	133.30	109.83	131.43	141.93	166.92	164.79	169.21	212.38	263.51
Colorado.....	110.76	78.30	87.41	92.04	102.38	125.44	136.12	188.18	219.66
Connecticut.....	102.58	82.12	104.47	109.18	124.88	151.09	174.39	217.44	254.62
Delaware.....	95.12	92.85	104.64	108.52	113.80	131.54	152.48	204.19	258.77
Florida.....	50.61	40.73	59.91	58.35	68.08	82.76	103.31	160.50	181.27
Georgia.....	31.89	28.34	37.71	42.16	44.57	55.70	64.60	103.85	123.37
Idaho.....	86.86	57.09	75.00	78.05	86.72	102.12	116.55	162.89	186.00
Illinois.....	102.56	78.18	103.77	115.19	128.99	158.02	175.11	223.19	258.46
Indiana.....	91.66	60.20	77.01	86.13	95.97	111.27	144.53	217.35	235.49
Iowa.....	96.10	65.44	81.15	86.47	95.40	116.08	143.88	188.98	230.53
Kansas.....	92.81	60.19	72.84	82.61	86.27	114.58	141.25	190.86	218.57
Kentucky.....	46.23	33.37	44.49	46.78	51.38	75.28	86.33	112.15	120.82
Louisiana.....	48.19	36.07	54.09	56.58	65.93	90.57	101.36	144.91	214.08
Maine.....	69.89	52.09	60.36	63.50	69.72	83.17	109.39	133.04	157.47
Maryland.....	80.15	68.64	78.93	83.81	89.92	110.51	126.19	192.80	213.39
Massachusetts.....	109.57	95.69	109.81	114.52	130.73	161.00	179.85	213.98	236.44
Michigan.....	114.76	67.68	89.31	92.38	101.91	124.21	147.33	198.47	219.55
Minnesota.....	101.29	75.15	91.92	100.38	108.26	134.29	157.96	213.06	242.24
Mississippi.....	36.13	23.55	28.19	30.72	31.52	42.25	46.32	71.42	79.69
Missouri.....	70.28	60.27	70.68	80.36	86.79	100.58	137.36	164.08	173.57
Montana.....	109.73	79.24	104.12	109.07	125.59	159.11	215.44	246.80	267.56
Nebraska.....	93.08	57.48	70.67	74.41	85.12	112.01	142.48	180.97	217.07
Nevada.....	136.18	117.90	133.89	131.35	134.37	149.30	162.32	230.74	246.22
New Hampshire.....	92.77	79.67	92.13	91.31	100.70	119.66	135.01	187.15	210.51
New Jersey.....	124.90	102.53	125.53	136.42	158.08	185.07	211.82	250.59	279.81
New Mexico.....	77.21	60.18	71.30	76.36	83.43	113.52	134.60	186.49	222.48
New York.....	137.55	124.13	147.65	156.86	168.07	185.12	209.76	256.90	295.02
North Carolina.....	42.85	24.18	39.59	40.86	45.11	65.16	81.43	108.74	140.82
North Dakota.....	99.55	67.32	74.85	68.87	79.65	118.88	138.02	182.07	226.27
Ohio.....	95.69	72.51	86.23	96.37	106.13	124.86	147.03	191.61	202.12
Oklahoma.....	65.48	43.70	63.25	63.03	72.83	88.71	111.86	144.49	207.05
Oregon.....	103.31	68.90	87.88	97.42	106.97	132.96	157.88	217.38	280.75
Pennsylvania.....	87.81	75.04	92.82	92.45	106.90	131.14	144.80	184.42	215.76
Rhode Island.....	95.74	86.97	98.49	105.17	122.99	148.87	160.84	220.69	240.40
South Carolina.....	39.98	27.14	36.52	39.68	45.51	58.22	74.31	112.39	122.39
South Dakota.....	95.36	62.29	90.90	85.50	96.33	130.82	153.93	193.65	230.34
Tennessee.....	42.66	34.62	41.61	44.29	50.44	62.21	76.16	107.62	132.17
Texas.....	54.57	46.63	65.42	65.87	78.24	88.15	118.12	164.70	208.88
Utah.....	75.08	58.71	74.86	78.47	84.76	111.87	129.30	179.40	178.56
Vermont.....	84.24	59.76	77.70	85.08	93.84	111.97	122.89	166.99	192.87
Virginia.....	44.25	37.51	42.31	47.91	55.83	75.30	92.29	124.79	145.56
Washington.....	100.45	69.16	103.83	105.31	127.70	146.57	183.33	237.05	247.63
West Virginia.....	72.16	48.54	60.55	63.71	72.63	93.06	101.30	141.82	149.86
Wisconsin.....	94.17	71.99	90.39	91.07	109.69	127.31	147.73	191.47	230.01
Wyoming.....	128.59	88.70	105.91	108.51	120.29	150.17	171.38	195.44	262.77
District of Columbia.....	132.39	107.30	123.05	131.74	137.48	161.73	172.22	218.94	256.24

Table XV.—Expenditure for transportation of pupils, excluding purchase of busses, for 20 States, 1949-50

State	Total	Operation	Maintenance	Other, including contract service
1	2	3	4	5
Total, 20 States -----	\$75,733,603	\$40,504,808	\$19,057,983	\$16,170,812
Arizona-----	891,698	288,421	53,565	549,712
Arkansas-----	3,694,056	2,486,124	737,202	470,730
Colorado-----	1,865,223	558,388	669,680	637,155
Connecticut-----	2,421,909	1,515,370	906,539	-----
Florida-----	3,131,275	1,989,078	548,542	593,655
Georgia-----	6,071,185	4,524,480	1,284,943	261,762
Montana-----	2,082,927	441,433	-----	1,641,494
Nevada-----	251,281	176,104	67,860	107,317
New Jersey-----	4,346,510	316,399	183,610	3,846,501
North Dakota-----	1,143,169	-----	-----	1,143,169
Ohio-----	9,696,005	7,038,781	2,586,115	71,109
Oklahoma-----	3,617,932	2,360,213	1,257,719	-----
Oregon-----	3,506,180	2,351,758	1,154,422	-----
South Carolina-----	3,047,976	2,038,185	-----	1,009,791
Tennessee-----	5,136,003	2,158,086	698,147	2,279,770
Texas-----	11,082,103	4,975,440	5,182,842	923,821
Utah-----	1,011,950	815,758	87,096	109,096
Virginia-----	5,141,970	1,583,159	1,541,799	2,017,012
Washington-----	4,227,085	2,870,751	1,043,106	313,228
West Virginia-----	3,367,166	2,116,880	1,054,796	195,490

¹ Salaries only.

Table XVI.—School debt and interest payments per pupil in average daily attendance in full-time public elementary and secondary day schools, by State, for specified years

State	School indebtedness					Interest payments				
	1935-36	1939-40	1943-44	1947-48	1949-50	1935-36	1939-40	1943-44	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10	11
Continental United States	\$136.47	\$128.65	\$121.08	\$124.66	\$147.09	\$5.96	\$5.94	\$4.94	\$3.65	\$4.51
Alabama.....	39.03	39.62	18.65	25.12	34.02	1.64	.87	.76	.54	.81
Arizona.....	134.37	106.09	74.32	150.81	191.15	7.74	5.77	3.42	3.34	4.59
Arkansas.....	67.02	63.42	65.16	87.04	143.99	2.60	2.83	2.41	1.97	3.03
California.....	199.68	172.71	136.12	207.67	300.47	9.53	8.22	6.36	5.01	6.96
Colorado.....	144.11	120.97	98.49	93.61	236.22	7.33	5.34	4.42	3.11	6.04
Connecticut.....	172.44	137.25	118.34	112.56	222.48	7.75	5.36	4.53	3.28	3.91
Delaware.....	50.53	58.87	64.21	91.20	131.90	1.60	1.58	1.26	2.05	2.44
Florida.....	184.47	155.56	145.33	134.47	130.46	9.14	7.32	6.74	4.92	4.63
Georgia.....	34.96	18.80	41.78	38.70	53.52	2.17	.96	.25	.70	1.51
Idaho.....	84.81	81.78	71.68	67.03	128.61	4.57	3.60	2.45	1.93	3.07
Illinois.....	170.26	157.49	187.42	197.90	259.12	8.59	5.91	5.33	4.28	6.70
Indiana.....	76.43	70.06	50.47	40.22	64.64	3.51	3.05	1.99	2.14	5.77
Iowa.....	101.85	96.77	75.23	72.09	128.56	5.67	3.86	2.75	1.57	1.99
Kansas.....	78.48	78.85	50.45	77.83	183.15	6.90	5.24	5.66	1.28	2.55
Kentucky.....	38.29	36.07	31.62	34.21	50.40	1.40	2.12	1.34	.92	1.06
Louisiana.....	70.13	73.15	70.05	116.87	175.51	4.54	4.09	3.30	3.46	4.00
Maine.....	36.98	34.98	32.40	23.03	30.54	1.44	1.29	1.09	.50	.61
Maryland.....	165.58	154.13	131.56	232.81	272.05	7.33	6.48	5.54	4.62	6.72
Massachusetts.....	70.40	64.34	37.97	14.92	13.88	2.75	2.14	1.26	.24	.22
Michigan.....	201.63	140.91	135.27	101.86	147.07	6.50	8.29	5.70	5.39	4.68
Minnesota.....	133.17	128.54	121.90	121.75	145.85	5.96	3.82	1.38	1.41	1.91
Mississippi.....	18.99	30.68	32.69	6.64	6.29	1.33	.52	.10	.11	.09
Missouri.....	89.85	85.40	68.34	66.06	66.74	4.03	3.44	2.62	1.71	7.46
Montana.....	79.51	77.63	51.68	85.78	143.48	2.56	1.82	.76	.96	1.52
Nebraska.....	115.39	110.22	105.79	90.48	108.43	5.14	2.70	2.87	2.65	2.45
Nevada.....	114.14	107.43	70.77	230.32	321.96	4.66	5.10	2.74	4.66	5.93
New Hampshire.....	73.40	65.80	46.98	43.83	76.97	2.94	2.30	1.58	.83	1.40
New Jersey.....	294.26	267.27	251.17	210.81	247.79	13.27	12.12	11.48	8.28	8.44
New Mexico.....	61.19	53.60	46.16	137.99	123.50	2.88	3.23	2.36	2.12	2.55
New York.....	303.89	335.67	326.58	291.89	155.82	12.76	13.04	13.37	10.76	10.40
North Carolina.....	118.50	76.92	66.57	61.41	85.26	4.51	3.53	2.97	2.04	2.53
North Dakota.....	105.56	83.62	42.25	43.01	70.24	5.64	5.82	4.32	1.46	3.59
Ohio.....	173.22	147.34	109.99	168.71	231.90	8.79	7.46	5.12	4.42	4.75
Oklahoma.....	111.50	107.34	125.39	89.85	93.23	4.90	4.86	2.30	1.74	3.55
Oregon.....	120.13	89.94	47.92	66.66	202.59	6.20	4.43	2.71	2.57	8.17
Pennsylvania.....	157.98	169.43	160.66	141.27	144.76	4.59	13.60	12.55	4.61	4.19
Rhode Island.....	270.01	291.33	329.84	147.30	152.73	11.14	11.36	12.16	9.96	3.98
South Carolina.....	48.88	47.16	29.06	32.75	58.32	2.69	2.97	2.32	1.09	1.37
South Dakota.....	107.98	91.12	62.71	60.80	79.80	4.65	5.27	2.79	2.34	2.68
Tennessee.....	62.97	60.35	62.13	69.05	64.92	3.09	1.32	.54	.53	.81
Texas.....	26.16	145.27	237.32	227.69	260.25	4.85	4.96	5.75	6.63	9.31
Utah.....	96.55	83.44	66.83	102.04	135.80	3.96	3.27	2.45	2.17	2.66
Vermont.....	44.76	52.40	57.60	57.05	106.39	2.03	1.12	.91	.68	1.00
Virginia.....	62.23	61.74	61.11	56.68	52.42	2.74	2.47	1.17	.74	1.30
Washington.....	94.23	74.93	39.35	126.47	135.04	4.62	3.25	1.99	2.21	2.56
West Virginia.....	30.64	32.24	27.77	29.04	31.82	1.65	1.54	1.06	.93	1.08
Wisconsin.....	68.43	47.82	32.97	29.71	57.14	2.91	2.75	.66	.61	.71
Wyoming.....	129.28	122.95	117.72	146.30	269.86	4.87	1.48	.54	3.79	4.80

¹ An incomplete figure for interest was submitted.

Table XVII.—Statement of retirement funds for staff of public elementary and secondary schools, as of July 1, 1950

(Thousands)

Balance on hand at beginning of the year (cash and investments) usually July 1, 1949-----		\$2,228,762
Amount added during the year:		
State-----	\$129,295	
Local units-----	78,295	
Participants-----	147,957	
Earnings and other receipts-----	76,900	
		<hr/> 432,447
Total balances, earnings, and receipts-----		2,661,209
Payments:		
Losses, retirements and expense of operation-----		165,809
		<hr/>
Balance on hand: cash and investments-----		2,495,400

Table XVIII.—Total expenditures in Negro elementary and secondary public schools in 7 Southern States for specified years

[Thousands]

State	1941-42	1945-46	1947-48	1949-50
1	2	3	4	5
Alabama.....	\$3,491	\$7,536	\$15,805	\$20,630
Arkansas.....	1,709	2,839	5,697	6,782
Florida.....	3,049	6,096	12,219	17,787
Georgia.....	3,894	6,480	12,427	19,232
Mississippi.....	2,761	-----	5,284	8,232
North Carolina.....	7,799	15,440	23,201	36,358
South Carolina.....	3,440	6,312	12,071	15,939

Table XIX.—Teachers and enrollments in nonpublic (private and parochial) schools, for specified years

Year ¹	Teachers			Pupils		
	Total	Elementary	Secondary	Total	Elementary	Secondary
1	2	3	4	5	6	7
1931-32.....	91,323	66,270	25,053	2,723,666	2,320,251	403,415
1933-34.....	72,192	51,475	20,717	2,691,033	2,330,941	360,092
1935-36.....	91,493	66,254	25,239	2,638,775	2,251,466	387,309
1937-38.....	95,103	67,139	27,964	2,687,483	2,240,650	446,833
1939-40.....	94,977	61,800	30,130	2,611,047	2,153,279	457,768
1941-42.....	97,191	65,512	31,679	2,616,529	2,133,334	483,195
1945-46.....	100,865	64,495	36,370	2,824,500	2,259,392	565,108
1947-48.....	108,998	67,430	41,568	3,053,914	2,451,430	602,484
1949-50.....	113,264	73,048	40,215	3,288,426	2,662,920	625,506

¹ Statistics not available for 1943-44.

Table 1.—Statistical summary of public elementary and secondary schools: 1870-1950

[I. General Statistics and II. Financial Statistics given in thousands]

Item	1869-70	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1943-44	1947-48	1949-50
I. GENERAL STATISTICS											
1	2	3	4	5	6	7	8	9	10	11	12
Total population ¹ -----	38,558	50,156	62,622	75,603	91,972	105,711	122,775	131,892	138,083	146,113	151,240
Children 5-17 years of age (inclusive)-----	12,055	15,066	18,543	21,404	24,240	27,739	31,571	29,805	28,930	30,171	30,788
Pupils enrolled (excluding duplicates)-----	6,872	9,867	12,723	15,503	17,814	21,578	25,678	25,434	23,267	23,945	25,111
Pupils enrolled in public high schools-----	2,80	4,110	4,203	5,519	6,915	9,200	4,399	6,601	5,554	5,653	5,707
Average daily attendance-----	4,077	6,144	8,154	10,633	12,827	16,150	21,265	22,042	19,603	20,910	22,284
Total number of days attended by all pupils-----	539,053	800,720	1,098,233	1,534,823	2,011,477	2,615,161	3,672,765	3,858,012	3,440,877	3,713,333	3,964,354
Men teachers-----	78	123	126	127	110	96	142	195	127	162	195
Women teachers-----	123	164	238	296	413	584	712	681	701	699	719
Total teachers -----	201	287	364	423	523	680	854	876	828	861	914
Number of schoolhouses-----	116	178	225	248	265	271	247	227	209	209	209
Value of school property-----	\$130,383	\$209,572	\$342,532	\$550,069	\$1,091,008	\$2,409,719	\$6,211,327	\$7,635,113	\$7,928,130	\$9,212,746	\$11,396,804
II. FINANCIAL STATISTICS											
Revenue receipts:											
From income of permanent funds and lands-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
From county and local taxes and appropriations-----	-----	-----	97,222	149,487	312,222	758,897	1,645,688	1,400,425	1,646,498	2,359,359	2,905,561
From State taxes and appropriations-----	-----	-----	26,345	37,857	64,605	134,279	329,312	658,983	831,969	1,045,336	2,132,763
From all other sources-----	-----	-----	11,882	23,240	42,141	50,909	86,040	88,015	100,872	266,434	378,661
Total -----	-----	143,195	143,195	219,766	433,064	970,120	2,088,557	2,260,527	2,604,322	4,311,534	5,442,004
Expenditures:											
For sites, buildings, furniture, libraries, and apparatus-----	-----	-----	26,207	35,451	69,978	153,543	370,878	257,974	53,856	412,467	1,014,176
For salaries of superintendents, supervisors, principals, and teachers-----	-----	-----	91,836	137,688	253,915	613,405	1,295,201	1,369,510	1,551,276	2,480,583	2,999,947
For all other purposes-----	-----	-----	22,463	41,826	102,357	269,204	650,711	716,565	847,449	1,418,126	1,823,520
Total -----	63,397	78,095	140,507	214,965	426,250	1,036,151	2,316,790	2,344,049	2,452,581	4,311,176	5,837,643
III. DERIVATIVE STATISTICS											
Percent school population is of total population-----	31.3	30.1	29.6	28.3	26.4	26.2	25.7	22.6	21.0	20.6	20.4
Percent of total population enrolled-----	17.8	19.7	20.3	20.5	19.4	20.4	20.9	19.3	16.9	16.4	16.6
Percent of children 5-17 years of age (inclusive) enrolled-----	57.0	65.5	68.6	72.4	73.5	77.8	81.3	85.3	80.4	79.4	81.6

See footnotes at end of table.

Table 1.—*Statistical summary of public elementary and secondary schools: 1870-1950—Continued*

[I. General Statistics and II. Financial Statistics given in thousands]

Item	1869-70	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1943-44	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10	11	12
Percent secondary enrollment is of total enrollment.....	1.2	1.1	1.6	3.3	5.1	10.2	17.1	26.0	23.9	23.6	22.7
Percent of children enrolled attending each day.....	59.3	62.3	64.1	68.6	72.1	74.8	82.8	86.7	84.3	87.3	88.7
Average number of days schools were in session.....	132.2	130.3	134.7	144.3	157.5	161.9	172.7	175.0	175.5	177.6	177.9
Average number of days attended by each pupil enrolled.....	78.4	81.1	86.3	99.0	113.0	121.2	143.0	151.7	147.9	155.1	157.9
Average number of days attended by each child 5-17 years of age (inclusive).....	44.7	53.1	59.2	71.8	83.0	94.3	116.3	129.4	118.9	123.1	128.8
Percent of men teachers.....	38.7	42.8	34.5	29.9	21.1	14.1	16.6	22.2	15.3	18.8	21.3
Average annual salaries of all teachers (unadjusted) ¹	\$189	\$195	\$252	\$325	\$485	\$871	\$1,420	\$1,441	\$1,728	\$2,639	\$3,010
Average annual salaries of all teachers (adjusted) ²	---	---	---	---	---	---	2,006	2,437	2,347	2,673	3,010
Percent of revenue derived from:-----	---	---	---	---	---	---	---	---	---	---	---
Permanent funds and lands.....	---	---	5.4	4.2	3.2	2.7	1.3	1.0	1.0	0.9	0.6
State taxes.....	---	---	18.4	17.2	14.9	13.8	15.8	29.2	31.9	38.2	39.0
County and local taxes.....	---	---	67.9	68.0	72.1	78.2	78.8	65.9	63.2	54.7	53.4
All other sources.....	---	---	8.3	10.6	9.8	5.3	4.1	3.9	3.9	6.2	7.0
Percent of expenditures devoted to:-----	---	---	---	---	---	---	---	---	---	---	---
Sites, buildings, etc.....	---	---	18.6	16.5	16.4	14.8	16.0	11.0	2.2	9.6	17.4
All other purposes.....	---	---	65.4	64.0	59.6	59.2	55.9	58.4	63.2	57.5	51.4
Salaries.....	59.7	71.6	16.0	19.5	24.0	26.0	28.1	30.6	34.6	32.9	31.2
Total expenditures per capita of population (unadjusted) ³	\$1.64	\$1.56	\$2.24	\$2.84	\$4.04	\$9.80	\$18.87	\$17.77	\$17.76	\$29.51	\$38.60
Total expenditures per capita of population (adjusted) ⁴	---	---	---	---	---	---	---	---	---	---	---
Total expenditure per pupil in average attendance (unadjusted) ⁵	\$15.55	\$12.71	\$17.23	\$20.21	\$33.23	\$64.16	\$108.49	\$105.74	\$124.67	\$202.81	\$258.85
Total expenditure per pupil in average attendance (adjusted) ⁶	---	---	---	---	---	---	---	---	---	---	---
Average total expenditure per day for each pupil attending (cents) (unadjusted) ⁷	11.8	9.7	12.8	14.0	21.0	39.6	62.8	60.4	71.0	114.2	145.5
Average total expenditure per day for each pupil attending (cents) (adjusted) ⁸	---	---	---	---	---	---	88.7	102.1	96.4	115.7	145.5

¹ U. S. Bureau of the Census.

² Data for 1870-71.

³ From reports of public high schools.

⁴ Includes 231 part-time teachers in Massachusetts.

⁵ Computed for teaching positions only, prior to 1919-20; since 1920 includes supervisors and principals. Not adjusted for changes in the purchasing power of the dollar.

⁶ Adjusted for purchasing power of 1949-50 dollar

⁷ Beginning with 1919-20 this item excludes evening, summer, and part-time and continuation schools when reported separately. Beginning in 1945-46 expenditures for auxiliary services not chargeable to pupils are also excluded.

Table 2.—Boards of education and administrative staffs of intermediate and ultimate or basic administrative units, by State: 1949-50

State, by region	BOARDS OF EDUCATION					ADMINISTRATIVE STAFFS												
	State boards or commissions of education, including vocational education				Members of intermediate boards of education		Ultimate or basic units		Intermediate units					Ultimate or basic units				
	Total	Mem- bers	Profes- sional staff	Clerical assist- ants	Total	Members of boards of education	Local school trustees	Total	Superin- tendents and profes- sional staffs	Clerical assistants		Total	Superin- tendents and profes- sional staffs	Attend- ance personnel	Clerical assistants			
										Full-time	Part-time				Full-time	Part-time		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Continental United States	1,151	408	382	361	6,448	280,840	26,555	5,936	4,481	1,315	140	46,777	18,025	6,302	20,128	2,322		
NEW ENGLAND	125	49	38	38	754	6,066		76	38	20	18	2,023	537	812	542	132		
Maine	10	10				1,449						705	114	491	100			
New Hampshire	8	8			739	829		76	38	20	18	246	13	207	22	4		
Vermont	7	7				815						285	57	65	35	128		
Massachusetts	80	10	33	37		1,537						212	212					
Rhode Island	11	5	5	1		1,212						93	44	49				
Connecticut	9	19			15	1,224						482	97		385			
MIDDLE ATLANTIC	36	35		1	330	22,223	3,857	515	395	98	22	7,489	2,056	3,164	1,982	287		
New York	13	13				4,948	3,857	163	163			1,688	225	1,463				
New Jersey	12	12				4,217		126	82	37	7	2,261	867	601	725	68		
Pennsylvania	11	10		1	330	13,058		226	150	61	15	3,540	964	1,100	1,257	219		
EAST NORTH CENTRAL	146	46	47	53	855	64,045	5,164	1,151	786	334	31	15,714	4,417	321	10,921	55		
Ohio	5	5				7,558		258	142	110	6	941	351	160	375	55		
Indiana	13	12		1		1,623		261	192	69		763	254	161	348			
Illinois	74	10	30	34		19,917	5,164	89	89			12,439	2,241		10,198			
Michigan	8	8			415	16,872		293	186	82	25	703	703					
Wisconsin	46	11	17	18		18,075		250	177	73		868	868					
WEST NORTH CENTRAL	133	41	42	50	1,644	120,326		1,207	783	387	37	3,750	2,891	347	325	187		
Minnesota	5	5				23,059		191	103	72	16	428	428					
Iowa	60	13	30	27	495	20,135		240	195	45		1,028	853		175			
Missouri	8	8			684	21,468		240	126	114		634	634					
North Dakota	10	7	2	1		7,072		106	53	53		156	156					
South Dakota	8	7				10,915		142	101	20	21	960	276	347	150	187		
Nebraska	35	14	10	21	465	21,477		98	98			288	288					
Kansas	7	7				16,200		190	107	83		256	256					

See footnotes at end of table.

SOUTH ATLANTIC	288	67	115	106	197	7,888	5,253	219	173	46	3,642	1,256	529	1,736	121
Delaware	6	6				66	426				101	33	5	61	
Maryland	7	7				105	1,307				328	35	87	206	2
Virginia	7	7				707					487	133	24	277	53
West Virginia	38	10	15	13		275					521	130	130	150	33
North Carolina	205	13	100	92		908	3,319				529	183	42	304	
South Carolina	9	9				4,500		219	173	46	361	238	3	100	20
Georgia	10	10			197	4,500					656	241	174	241	
Florida	6	5		1		983	201				491	160	38	280	13
Georgia						335									
District of Columbia						9					168	25	26	117	
EAST SOUTH CENTRAL	59	37	11	11	410	3,186	12,303	246	163	83	3,392	1,618	487	1,212	75
Kentucky	8	7		1		1,196					867	271	240	272	75
Tennessee	32	11	11	10		973					1,439	896	160	443	
Alabama	11	11				547					630	126	78	426	
Mississippi	8	2			410	470	12,303	246	163	83	396	325		71	
WEST SOUTH CENTRAL	165	47	72	46	1,647	27,166		1,056	815	226	5,451	2,894	135	2,394	98
Arkansas	39	9	17	13	375	2,167		160	85	67	646	403	10	135	
Louisiana	11	11				691			138		609	257	81	271	98
Oklahoma	49	6	25	18		7,596		138	138		842	842			
Texas	66	21	30	15	1,272	16,712		758	592	159	3,354	1,322	44	1,988	
MOUNTAIN	64	57	5	2	126	16,128		267	212	38	2,853	1,019	73	394	1,307
Montana	12	11		1	126	4,193		110	74	26	1,661	195	25	116	1,325
Idaho	5	5				2,615		44	44		459	338		121	
Wyoming	6	6				1,132					154	92		42	20
Colorado	3	3				5,976		63	63		142	107			
New Mexico	11	5	5	1		538					107	107			
Arizona	8	8				860		50	31	12	92	69	23		
Utah	10	10				207					183	51	18	94	20
Nevada	9	9				607					55	25	7	21	2
PACIFIC	135	29	52	54	485	13,812		1,199	1,116	83	2,463	1,407	434	622	
Washington	56	12	21	23	195	2,342		97	59	38	317	317			
Oregon	68	7	31	30		3,887		87	42	45	1,006	350	34	622	
California	11	10	1		290	7,583		1,015	1,015		1,140	740	400		
OUTLYING PARTS OF THE UNITED STATES															
Alaska	3	7				96					52	41		8	3
American Samoa	7	7									64	28	7	24	5
Hawaii	8	8													
Puerto Rico	3	3									14	4	2	8	
Virgin Islands					32	32	22								

2 3 State boards and 5 vocational boards.

1 Vocational board.

Table 3.—Number of ultimate or basic administrative units, by level of instruction offered, by State: 1949-50

State, by region	Total				Entire county, and county except independent units				Other administrative units			
	Total	Elementary grades only	Secondary grades only	Elementary and secondary grades	Total	Elementary grades only	Secondary grades only	Elementary and secondary grades	Total	Elementary grades only	Secondary grades only	Elementary and secondary grades
1	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States--	83,237	60,226	1,755	21,256	1,074	14	61	999	82,163	60,212	1,694	20,257
NEW ENGLAND--	1,182	462	2	718	2	---	2	---	1,180	462	---	718
Maine--	115	1	---	114	---	---	---	---	115	1	---	114
New Hampshire--	240	150	---	90	---	---	---	---	240	150	---	90
Vermont--	265	181	---	84	---	---	---	---	265	181	---	84
Massachusetts--	351	120	---	231	---	---	---	---	351	120	---	231
Rhode Island--	39	10	---	29	---	---	---	---	39	10	---	29
Connecticut--	172	---	2	170	2	---	2	---	170	---	---	170
MIDDLE ATLANTIC--	7,012	4,987	16	2,009	7	---	7	---	7,005	4,987	9	2,009
New York--	3,929	3,221	4	704	---	---	---	---	3,929	3,221	4	704
New Jersey--	559	367	12	180	7	---	7	---	552	367	5	180
Pennsylvania--	2,524	1,399	---	1,125	---	---	---	---	2,524	1,399	---	1,125
EAST NORTH CENTRAL--	18,155	9,784	87	8,284	5	---	---	5	18,150	9,784	87	8,279
Ohio--	1,509	494	---	1,015	---	---	---	---	1,509	494	---	1,015
Indiana--	1,056	---	6	1,050	---	---	---	---	1,056	---	6	1,050
Illinois--	4,880	---	---	4,880	5	---	---	5	4,875	---	---	4,875
Michigan--	4,918	1,325	---	993	---	---	---	---	4,918	1,325	---	993
Wisconsin--	5,792	5,365	81	346	---	---	---	---	5,792	5,365	81	346
WEST NORTH CENTRAL--	35,718	31,800	389	3,439	24	---	19	5	35,694	31,800	370	3,431
Minnesota--	7,116	6,670	---	446	2	---	---	2	7,114	6,670	---	444
Iowa--	4,652	3,812	1	839	---	---	---	---	4,652	3,812	1	839
Missouri--	6,273	5,643	---	630	---	---	---	---	6,273	5,643	---	630
North Dakota--	2,250	1,822	---	428	---	---	---	---	2,250	1,822	---	428
South Dakota--	3,401	3,123	5	273	5	---	2	3	3,396	3,123	3	270
Nebraska--	6,769	6,210	35	524	17	---	17	---	6,752	6,210	18	524
Kansas--	5,257	4,610	348	299	---	---	---	---	5,257	4,610	348	299

See footnote at end of table.

SOUTH ATLANTIC	2,208	1,230	34	944	504			1,704	1,230	34	440
Delaware	17			17				17			17
Maryland	24			24	23			1			1
Virginia	127			127	100			27			27
West Virginia	55			55	55						
North Carolina	172			172	100			72			72
South Carolina	1,559	1,230	34	295	100			1,559	1,230	34	295
Georgia	186			186	159			27			27
Florida	67			67	67						
District of Columbia	1			1				1			1
EAST SOUTH CENTRAL	4,166	3,033		1,133	282	4		3,884	3,029		855
Kentucky	237	8		229	120	4		117	4		113
Tennessee	148	22		126	95			53	22		31
Alabama	108	3		105	67			41	3		38
Mississippi	3,673	3,000		673				3,673	3,000		673
WEST SOUTH CENTRAL	5,988	3,161	679	2,148	88			5,900	3,161	679	2,060
Arkansas	421	15		406				421	15		406
Louisiana	67			67	64			3			3
Oklahoma	2,176	1,497	679	1,497	24			2,176	1,497	679	1,651
Texas	3,324	1,649		1,675				3,300	1,649		1,651
MOUNTAIN	4,657	2,431	184	2,042	97	10	31	4,560	2,421	153	1,986
Montana	1,381	1,160	60	161	18		18	1,363	1,160	42	161
Idaho	810	653	24	133				810	653	24	133
Wyoming	316	227	16	73	1			315	227	16	72
Colorado	1,533	1,485	48	1,485	2		2	1,531	1,485	46	1,485
New Mexico	107	16		91	30	10		77	6		71
Arizona	274	212	19	43				274	212	19	43
Utah	40	35		40	35			5			5
Nevada	196	163	17	16	11		11	185	163	6	16
PACIFIC	4,151	3,248	364	539	65		2	4,086	3,248	362	476
Washington	591	287	6	298				591	287	6	298
Oregon	1,179	945	110	124	7		2	1,172	945	108	119
California	2,381	2,016	248	117	58			2,323	2,016	248	59
Outlying parts of the United States											
Alaska	27	5		22				27	5		22
American Samoa	1			1				1			1
Canal Zone	1			1				1			1
Guam	1			1				1			1
Hawaii	1			1				1			1
Puerto Rico	73			73				73			73
Virgin Islands	2			2				2			2

1 Includes 955 closed districts.

**Table 4.—Number of personnel in State Offices of Education,
by State: 1949-50¹**

State, by region	Total	Chief State school officer and his professional staff		Regional and district administrative supervisory personnel ²	Clerical assistants		Operation and maintenance force	
		Full-time	Part-time		Full-time	Part-time	Full-time	Part-time
1	2	3	4	5	6	7	8	9
Continental United States	7,753	2,930	26	349	4,104	136	192	16
NEW ENGLAND	601	263	6	12	315	1	4	-----
Maine.....	62	33	-----	-----	29	-----	-----	-----
New Hampshire.....	40	21	-----	-----	19	-----	-----	-----
Vermont.....	52	30	-----	-----	22	-----	-----	-----
Massachusetts.....	245	107	-----	-----	134	-----	4	-----
Rhode Island.....	27	7	6	-----	14	-----	-----	-----
Connecticut.....	175	65	-----	12	97	1	-----	-----
MIDDLE ATLANTIC	2,210	652	-----	-----	1,419	49	90	-----
New York.....	1,600	525	-----	-----	985	-----	90	-----
New Jersey.....	190	54	-----	-----	87	49	-----	-----
Pennsylvania.....	420	73	-----	-----	347	-----	-----	-----
EAST NORTH CENTRAL	882	409	5	131	274	7	45	11
Ohio.....	272	61	-----	109	51	1	39	11
Indiana.....	93	18	-----	21	54	-----	-----	-----
Illinois.....	306	240	-----	-----	60	-----	6	-----
Michigan.....	105	45	-----	1	58	1	-----	-----
Wisconsin.....	106	45	5	-----	51	5	-----	-----
WEST NORTH CENTRAL	543	166	-----	84	279	9	4	1
Minnesota.....	111	52	-----	-----	57	2	-----	-----
Iowa.....	104	18	-----	20	65	-----	1	-----
Missouri.....	183	33	-----	64	83	-----	3	-----
North Dakota.....	23	7	-----	-----	16	-----	-----	-----
South Dakota.....	26	15	-----	-----	11	-----	-----	-----
Nebraska.....	47	22	-----	-----	23	1	-----	1
Kansas.....	49	19	-----	-----	24	6	-----	-----
SOUTH ATLANTIC	1,066	479	13	13	506	43	9	3
Delaware.....	71	33	5	-----	32	-----	1	-----
Maryland.....	92	38	1	-----	53	-----	-----	-----
Virginia.....	324	174	-----	-----	150	-----	-----	-----
West Virginia.....	63	25	3	-----	26	6	2	1
North Carolina.....	70	40	-----	-----	30	-----	-----	-----
South Carolina.....	104	40	-----	13	39	11	1	-----
Georgia.....	212	88	4	-----	109	9	2	-----
Florida.....	130	41	-----	-----	67	17	3	2
District of Columbia.....	-----	-----	-----	-----	-----	-----	-----	-----
EAST SOUTH CENTRAL	508	160	-----	74	253	1	19	1
Kentucky.....	101	36	-----	3	53	-----	9	-----
Tennessee.....	170	43	-----	38	77	1	10	-----
Alabama.....	163	40	-----	-----	123	-----	-----	1
Mississippi.....	74	41	-----	33	-----	-----	-----	-----
WEST SOUTH CENTRAL	676	239	1	26	386	5	19	-----
Arkansas.....	77	26	-----	4	34	5	8	-----
Louisiana.....	282	120	-----	-----	162	-----	-----	-----
Oklahoma.....	94	48	-----	-----	46	-----	-----	-----
Texas.....	223	45	1	22	144	-----	11	-----

See footnote at end of table.

**Table 4.—Number of personnel in State Offices of Education,
by State: 1949-50¹—Continued**

State, by region	Total	Chief State school officer and his professional staff		Regional and district administrative supervisory personnel ²	Clerical assistants		Operation and maintenance force	
		Full-time	Part-time		Full-time	Part-time	Full-time	Part-time
1	2	3	4	5	6	7	8	9
MOUNTAIN -----	369	154	1	9	182	21	2	-----
Montana-----	76	39	-----	-----	26	11	-----	-----
Idaho-----	49	21	-----	-----	28	-----	-----	-----
Wyoming-----	32	16	-----	-----	12	4	-----	-----
Colorado-----	63	24	-----	3	36	-----	-----	-----
New Mexico-----	39	14	-----	-----	25	-----	-----	-----
Arizona-----	48	14	1	1	28	2	2	-----
Utah-----	39	17	-----	-----	20	2	-----	-----
Nevada-----	23	9	-----	5	7	2	-----	-----
PACIFIC -----	898	408	-----	-----	490	-----	-----	-----
Washington-----	49	22	-----	-----	27	-----	-----	-----
Oregon-----	68	25	-----	-----	43	-----	-----	-----
California-----	781	361	-----	-----	420	-----	-----	-----
Outlying parts of the United States	-----	-----	-----	-----	-----	-----	-----	-----
Alaska-----	10	4	-----	-----	6	-----	-----	-----
American Samoa-----	6	1	-----	1	3	-----	1	-----
Canal Zone-----	16	5	-----	-----	10	1	-----	-----
Guam-----	-----	-----	-----	-----	-----	-----	-----	-----
Hawaii-----	118	56	-----	-----	62	-----	-----	-----
Puerto Rico-----	450	92	-----	165	158	-----	35	-----
Virgin Islands-----	8	2	-----	-----	-----	-----	-----	-----

¹ See table 2 for personnel of State boards of education.

² Full-time only.

Table 5.—Number of instructional staff and clerical assistants in full-time public elementary and secondary day schools, by State: 1949-50

State, by region	INSTRUCTIONAL STAFF																	CLERICAL ASSISTANTS	
	Total instructional staff	Supervisors			Principals			Teachers									Full-time	Part-time	
		Total, including undistributed items	Elementary	Secondary	Total			Elementary			Secondary								
					Total	Men	Women	Total	Men	Women	Total	Men	Women						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Continental United States	962,174	9,189	✓		39,314	✓		913,671	191,968	718,703	589,578	52,925	536,653	324,093	112,043	182,050	7,458	1,953	
NEW ENGLAND	53,568	1,165			1,630			50,773	11,146	39,627	30,506	1,804	28,702	20,267	9,342	10,925	27	9	
Maine	6,323							6,323	1,309	5,014	4,511	403	4,108	1,812	906	906			
New Hampshire	3,050	135			99	42	57	2,816	615	2,201	1,698	102	1,596	1,118	513	605	27	9	
Vermont	2,603	107			91	9	82	2,405	390	2,015	1,738	84	1,654	667	306	361			
Massachusetts	26,360	720		324	1,044	594	450	24,506	5,923	18,673	13,538	679	12,859	11,058	5,244	5,814			
Rhode Island	3,984				3,984			3,984	861	3,123	2,171	104	2,067	1,813	757	1,056			
Connecticut	11,248	203			396	269	127	10,649	2,048	8,601	6,850	432	6,418	3,799	1,616	2,183			
MIDDLE ATLANTIC	170,797	2,151			6,257			162,389	39,748	122,641	99,998	10,284	89,714	62,391	29,464	32,927	2,217	201	
New York	83,676	908			3,098			79,670	19,493	60,177	51,140	5,875	45,265	28,530	13,618	14,912			
New Jersey	28,395	389			897	615	282	27,109	5,802	21,307	17,499	1,469	16,030	9,610	4,333	5,277	875	65	
Pennsylvania	58,726	854			2,262	1,364	898	55,610	14,453	41,157	31,359	2,940	28,419	24,251	11,513	12,738	1,342	136	
EAST NORTH CENTRAL	179,067	1,036			5,767			172,264	41,634	130,630	108,548	11,136	97,412	63,716	30,498	33,218	1,336	288	
Ohio	45,175	250		191	1,275	500	775	43,650	11,651	31,999	25,716	2,482	23,234	17,934	9,169	8,765			
Indiana	25,291	331			1,332			23,428	6,912	16,516	13,607	2,079	11,528	9,821	4,833	4,988	417		
Illinois	49,280	223			1,833			47,224	11,242	35,982	32,287	4,192	28,095	14,937	7,050	7,887	919	288	
Michigan	38,516	232			1,127			37,157	6,046	30,511	22,767	1,635	22,019	14,390	5,898	8,492			
Wisconsin	20,805							20,805	5,183	15,622	14,171	1,635	12,536	6,634	3,548	3,086			
WEST NORTH CENTRAL	109,020	1,034			3,983			104,003	20,239	83,764	71,142	5,123	66,019	32,861	15,116	17,745	40	44	
Minnesota	20,181	146			461	169	292	19,574	4,028	15,546	11,810	415	11,395	7,764	3,613	4,151			
Iowa	22,910	624		395	967	319	648	21,319	3,535	17,784	13,606	145	13,461	7,713	3,390	4,323			
Missouri	23,089	18			577			22,494	4,332	18,162	16,447	1,768	14,679	6,047	2,564	3,483			
North Dakota	6,537				1,346			6,537	1,591	4,916	4,916	639	4,277	1,621	707	914			
South Dakota	7,547	87			333	58	275	7,127	1,551	5,576	5,826	486	4,840	1,801	1,065	736	40	44	
Nebraska	12,357	159		108	249	115	134	11,949	1,980	9,969	8,775	474	8,301	3,174	1,506	1,668			
Kansas	16,399				1,396	742	654	15,003	3,467	11,536	10,262	1,196	9,066	4,741	2,271	2,470			

SOUTH ATLANTIC										1,036	7,530	135,012	22,450	112,562	89,266	5,778	83,488	45,746	16,672	29,074	1,689	533
Delaware	1,967	41	20	21	80	41	39	1,846	548	1,298	967	79	888	879	469	410	39	410	2,961	410	39	533
Maryland	11,714	193	80	113	462	253	209	11,059	2,270	8,789	6,283	455	5,828	4,776	1,815	2,961	299	1,815	2,961	299	39	533
Virginia	21,374	387			1,932			10,055	2,426	10,629	12,336	356	11,980	6,719	2,070	4,640	411	2,070	4,640	411	166	166
West Virginia	16,030				1,885	1,474	411	10,055	2,426	10,629	12,336	356	11,980	6,719	2,070	4,640	411	2,070	4,640	411	166	166
North Carolina	16,134				1,643			27,491	4,139	23,352	20,663	1,264	18,999	8,828	2,475	3,493	180	2,475	3,493	180	48	48
South Carolina	16,965				212	105	107	16,753	2,321	14,432	11,972	752	11,220	7,904	1,569	3,212		1,569	3,212		178	178
Georgia	24,953	187			386			24,380	4,322	20,058	16,476	736	15,740	7,904	3,586	4,318		7,904	3,586	4,318	157	157
Florida	17,910	189			764			16,937	2,889	14,068	9,912	401	5,511	7,005	2,488	4,557		7,005	2,488	4,557	503	503
District of Columbia	3,531	39	17	9	166	88	78	3,326	581	2,745	1,694	71	1,623	1,632	510	1,122	100	1,632	510	1,122	100	100
EAST SOUTH CENTRAL										1,888		77,538	14,460	63,078	53,619	5,886	47,733	23,919	8,574	15,345	188	188
Kentucky	19,230	99	78	21	1,034	512	522	18,097	3,680	14,417	12,796	1,691	11,105	5,301	1,989	3,312	117	5,301	1,989	3,312	117	117
Tennessee	22,202	123			612	197	415	22,202	4,532	17,670	16,646	2,657	13,989	5,556	1,875	3,681		5,556	1,875	3,681		
Alabama	22,347	123	114	9	612	197	415	21,612	3,410	18,202	13,133	519	12,614	8,479	2,891	5,588		8,479	2,891	5,588		
Mississippi	15,900	31			242	93	149	15,627	2,838	12,789	11,044	1,019	10,025	4,583	1,819	2,764	71	4,583	1,819	2,764	71	71
WEST SOUTH CENTRAL										5,122		94,796	18,686	76,110	61,195	5,666	55,529	33,601	13,020	20,581	1,608	304
Arkansas	13,386	46	32	14	495	187	308	12,845	2,702	10,143	7,808	715	7,093	5,037	1,987	3,050	70	5,037	1,987	3,050	70	71
Louisiana	16,842	167			1,023			15,652	2,296	13,356	10,966	804	10,162	4,086	1,492	3,194		4,086	1,492	3,194		
Oklahoma	18,170	75			2,164	1,361	803	15,931	3,053	12,878	9,845	689	9,156	6,086	2,364	3,722	233	6,086	2,364	3,722	233	233
Texas	52,176	368			1,440	772	668	50,368	10,635	39,733	32,576	3,458	29,118	17,792	7,177	10,615		17,792	7,177	10,615		
MOUNTAIN										1,992		36,937	9,450	27,487	24,151	2,987	21,164	12,786	6,463	6,323	353	574
Montana	4,938	201			153	74	79	4,584	918	3,666	3,459	306	3,153	1,125	612	513	113	1,125	612	513	262	262
Idaho	4,696	40	30	10	207	133	74	4,449	1,164	3,285	2,845	312	2,533	1,004	852	762	45	1,004	852	762	45	45
Wyoming	2,691	34	29	5	109	69	40	2,568	525	2,043	1,678	85	1,593	870	440	430		1,593	870	440		
Colorado	9,679	94			352	171	181	9,233	2,255	6,978	5,750	616	5,134	3,453	1,834			3,453	1,834			
New Mexico	5,461	110			443			4,908	1,188	3,720	3,280	599	2,681	1,628	589	1,344		1,628	589	1,344		
Arizona	5,443	61			236	180	56	5,146	1,450	3,696	3,852	704	3,148	1,294	746	538	56	1,294	746	538	56	56
Utah	5,406	58			437			4,911	1,681	3,230	2,484	282	2,202	2,427	1,399	1,028	127	2,427	1,399	1,028	127	49
Nevada	1,221	8	8		55			1,158	269	889	803	83	720	355	186	169	12	355	186	169	12	7
PACIFIC										5,145		79,959	17,155	62,804	51,153	4,261	40,892	28,806	12,894	15,912		
Washington	15,555	167			764	489	275	14,024	3,937	10,687	9,340	1,313	8,027	5,284	2,660			5,284	2,660			
Oregon	11,072	125			721			10,226	2,372	7,854	6,698	746	5,952	3,528	1,902			3,528	1,902			
California	59,729	960			3,060			55,109	10,846	44,263	35,115	2,202	32,913	19,994	8,644	11,350		19,994	8,644	11,350		
Outlying parts of the United States																						
Alaska	540				12	8		528	109	419	384	38	346	144	71	73	10					3
American Samoa	217	4	4		50	45	3	163	137	26	115	99	16	48	38	10	4					
Canal Zone	341	14	5		18			309	101	208	175	34	141	134	67	67	4					
Guam	296				27			269														
Hawaii	3,393	30			149			3,214	578	2,636	1,940	122	1,818	1,274	456	818	140					
Puerto Rico	9,452	72			421			8,958	1,772	7,186	5,437	750	4,687	3,521	1,022	2,499	79					21
Virgin Islands	179	10			21			148	26	122	97	7	90	51	19	32	2					

Table 6.—Number of health, transportation, and custodial employees in public schools, by State: 1949-50

State, by region	Total		Physicians		Dentists		Dental hygienists		Nurses		Recreational workers		Transportation employees		Cafeteria and lunchroom employees		Janitors, engineers, etc.		Carpenters, painters, etc.		Others	
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
36 States and the District of Columbia.	133,224	33,412	1,226	2,183	221	1,228	295	270	3,948	619	489	2,804	51,967	8,106	12,854	4,192	52,318	12,042	5,778	1,428	4,128	537
NEW ENGLAND:																						
Maine.....	37				37																	
New Hampshire.....	488	813		99			2	26	214													
Vermont.....	210	1,363		25		10											294	346				2
Massachusetts.....	1,356		618		35		22		623	8	10		13	666	3	6	186	646				
Rhode Island.....	212	159		73																		
Connecticut.....	1,753	219	3	162	2	45	44	7	290	5					156	1	1,231					
MIDDLE ATLANTIC:																						
New Jersey.....	5,698	2,853	64	669	21	225	21	2	486	331	29	397	90	139			3,955	786	518	51	514	253
Pennsylvania.....	12,781	7,144	165	710	56	636	145		1,020		235	1,389	973	1,063	2,155	666	6,781	2,562	940	118	311	
EAST NORTH CENTRAL:																						
Ohio.....	12,700	1,913	48	152	27	31	28	32	380	131	5	66	6,136				5,274	1,116	742	252	60	133
Indiana.....	9,433				31								5,766				3,540		96			
Illinois.....	6,860	2,046							1,822				1,822	805	1,718	324	3,146	747	167	95	97	75
Michigan.....	7,899								3,334								4,565					
WEST NORTH CENTRAL:																						
Minnesota.....	2,722	1,223		158					58			878	2,664									
Iowa.....		5,305											3,405			1,900						
South Dakota.....	182	208							12	8					170	200						
SOUTH ATLANTIC:																						
Delaware.....	224	244			2		2		35					180			165	60	20	4		
Maryland.....	2,152	1,013	1	20					30				247		447		1,057	819	370	174		
Virginia.....	4,593	2,141	2	14	4	7			70	11	41	16	2,472	373			1,643	645	361	75		
West Virginia.....	3,922	2,488	11	3	3	1	6		66	10			1,435	52			2,069	1,976	308	442	24	4
North Carolina.....	2,511																2,511					
South Carolina.....	3,513	550	31	30							5	2	109	182	2,021	106	765	182	86	7	496	41
Georgia.....	9,935												3,405		3,473		1,621		431		1,005	
Florida.....	4,680	985	3	4	1		1	3	28	4	17		1,424	307	1,374	353	1,488	277	344	37		
District of Columbia.....	900								40				2				852		6			

Table 6.—Number of health, transportation, and custodial employees in public schools, by State: 1949-50—Continued

State, by region	Total		Physicians		Dentists		Dental hygienists		Nurses		Recreational workers		Transportation employees		Cafeteria and lunchroom employees		Janitors, engineers, etc.		Carpenters, painters, etc.		Others		
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
EAST SOUTH CENTRAL:																							
Kentucky-----	3,276	722	4	22			4		18	38	1	7	1,706	284			1,374	220	140	129	33	18	
Tennessee-----	4,977	512	6	8					25	8			2,783				1,691	496	472				
Alabama-----	1,370	373															1,370	373					
Mississippi-----	556																556						
WEST SOUTH CENTRAL:																							
Arkansas-----	3,483	454			1	2			12	1	2	2	2,163	171			1,257	271	38	6	10		
Louisiana-----	5,779		225										2,985				1,507		374		688		
Oklahoma-----	3,258												3,258										
Texas-----	7,600		41						469		94		6,996										
MOUNTAIN:																							
Montana-----	1,021	431	3	7	1				24	6	28	36	344	52	225	140	390	185	6	5			
Idaho-----	1,011								73				486				421		15		16		
Arizona-----	1,258	249		15		5			73		32		243	61	275	76	525	61	110	31			
Utah-----	1,386	837	1	12					10	44		8	140	267	636	272	504	220	47	1	48	13	
Nevada-----	193	167							8	12		3	13	77	59	20	109	54	4	1			
PACIFIC:																							
Oregon-----	3,205								34				932				1,471				768		
Outlying parts of the United States																							
Alaska-----	30	41								4													
Canal Zone-----	84	1	1						2						4	1	65		30	1	11		
Hawaii-----	472	3		3			34		21						148		269						
Puerto Rico-----	86	6,287													5,216		86	1,067		4			
Virgin Islands-----	7	5									3		3				1	4		1			

Table 7.—Percent of men teachers in public elementary and secondary day schools, by State, for specified years

State, by region	Percent of men teachers, by specified year												
	1870-71 ¹	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1941-42	1943-44	1945-46	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Continental United States-----	41.0	42.8	34.5	29.9	21.1	14.1	16.6	22.2	21.3	15.3	16.6	18.3	21.3
NEW ENGLAND:													
Maine-----	24.4	27.2	16.0	16.4	11.2	8.5	14.2	19.1	18.1	13.1	15.8	18.9	20.7
New Hampshire-----	15.0	16.8	9.8	8.9	7.1	8.3	12.6	20.6	21.3	15.4	18.3	20.8	21.8
Vermont-----	16.5	16.8	12.0	13.6	8.9	3.7	8.6	11.7	12.3	7.8	7.1	11.7	16.2
Massachusetts-----	12.7	13.2	9.8	8.8	9.1	8.6	14.7	18.8	19.4	18.6	19.8	20.1	24.1
Rhode Island-----	20.4	20.2	12.6	9.5	14.2	7.8	11.8	19.2	18.0	14.2	16.8	19.1	21.6
Connecticut-----	22.1	22.8	13.4	9.0	6.2	7.3	9.1	16.5	16.1	10.4	13.8	17.0	19.2
MIDDLE ATLANTIC:													
New York-----	22.9	26.0	16.9	14.9	11.7	10.3	13.0	20.9	21.7	17.9	20.9	23.2	24.5
New Jersey-----	32.5	28.5	18.4	12.9	12.3	10.5	12.0	19.6	20.2	16.0	18.3	20.3	21.4
Pennsylvania-----	42.8	45.5	34.2	32.0	22.6	16.3	17.4	26.3	25.8	20.1	20.6	21.6	26.0
EAST NORTH CENTRAL:													
Ohio-----	43.2	47.8	43.1	40.4	31.1	18.0	20.0	29.2	29.0	22.0	23.6	25.2	26.7
Indiana-----	60.5	57.5	51.1	46.2	35.7	16.9	25.3	30.3	29.9	23.2	23.8	27.4	29.5
Illinois-----	43.5	39.7	32.5	26.4	18.5	15.0	19.0	23.7	22.8	15.5	18.3	21.0	23.8
Michigan-----	26.3	29.2	22.3	20.3	17.1	11.5	17.6	22.5	22.3	17.1	19.0	16.5	17.9
Wisconsin-----	28.8	28.9	19.8	18.4	11.8	8.9	15.3	21.6	22.6	14.4	19.3	22.6	24.9
WEST NORTH CENTRAL:													
Minnesota-----	33.7	25.9	23.9	19.4	12.0	8.8	12.9	18.0	18.0	12.7	14.4	17.7	20.6
Iowa-----	39.0	33.6	20.6	17.2	9.8	8.2	8.7	14.2	13.8	7.9	8.1	10.1	16.6
Missouri-----	65.3	58.1	44.4	37.6	26.4	16.2	18.2	26.1	21.0	13.9	15.0	18.0	19.3
North Dakota-----	24.7	40.8	28.3	28.8	17.4	12.3	16.8	23.5	21.5	13.2	15.1	20.3	20.6
South Dakota-----	29.0	40.8	29.0	28.4	16.6	10.5	15.0	21.2	19.1	9.8	9.5	14.2	21.8
Nebraska-----	51.9	40.7	27.1	21.8	11.9	7.3	10.8	15.3	14.2	8.2	9.4	13.2	16.6
Kansas-----	47.2	45.1	40.8	32.7	18.0	12.1	18.1	20.3	19.5	11.2	11.6	17.9	23.1
SOUTH ATLANTIC:													
Delaware-----	29.9	46.6	31.0	25.3	13.7	10.8	13.7	21.1	22.1	15.0	16.1	24.0	29.7
Maryland-----	45.0	42.6	27.8	21.7	17.1	11.5	14.6	19.2	18.7	13.6	15.2	18.0	20.5
Virginia-----	64.5	61.8	41.5	31.5	19.9	10.9	11.3	19.2	13.2	10.6	8.9	11.1	12.7
West Virginia-----	79.0	75.2	63.4	57.9	48.0	28.7	28.9	26.9	29.2	23.0	23.0	13.3	20.9
North Carolina-----	73.2	71.3	59.1	49.4	28.5	15.8	16.0	14.9	15.1	9.1	10.1	12.6	15.1
South Carolina-----	62.4	59.5	49.6	43.5	23.1	14.7	14.8	17.6	16.0	9.9	10.0	12.4	13.9
Georgia-----	71.4	65.2	53.3	44.0	24.4	13.1	13.9	17.9	14.6	10.9	11.6	14.6	17.7
Florida-----	65.7	61.6	48.0	36.9	25.7	15.8	13.5	15.5	14.4	8.5	10.9	13.8	17.0

See footnote at end of table.

Table 7.—Percent of men teachers in public elementary and secondary day schools, by State, for specified years—Continued

State, by region	Percent of men teachers, by specified year												
	1870-71	1879-80	1889-90	1899-1900	1900-10	1919-20	1929-30	1939-40	1941-42	1943-44	1945-46	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10	11	12	13	14
District of Columbia.....	8.2	7.8	13.0	13.1	11.5	11.9	11.9	15.0	15.3	12.3	15.3	17.0	17.5
EAST SOUTH CENTRAL:													
Kentucky.....	66.0	64.6	49.8	45.5	41.7	21.0	20.9	29.9	23.8	13.6	15.5	19.1	20.3
Tennessee.....	75.0	74.4	61.8	54.0	37.0	22.4	20.8	25.9	22.3	14.1	15.5	17.8	20.4
Alabama.....	66.8	63.8	62.9	30.1	35.0	20.3	16.4	18.4	16.3	11.0	11.4	13.1	15.8
Mississippi.....	60.8	61.2	49.6	44.2	31.0	22.0	16.1	19.7	19.2	9.2	13.8	15.4	18.2
WEST SOUTH CENTRAL:													
Arkansas.....	75.6	78.4	68.5	59.7	47.0	31.2	27.3	28.1	23.5	16.0	16.6	18.9	21.0
Louisiana.....	50.9	46.1	44.7	42.8	21.4	13.7	14.3	20.0	18.3	12.2	10.8	12.1	14.7
Oklahoma.....	77.3	75.0	61.1	48.9	26.2	18.9	23.4	26.9	25.9	12.6	11.2	19.2	19.2
Texas.....					30.8	18.0	18.2	22.6	21.1	11.1	12.9	15.9	21.1
MOUNTAIN:													
Montana.....	60.3	38.5	22.9	16.6	12.0	10.7	12.8	23.5	23.9	15.4	19.2	29.8	20.0
Idaho.....	64.3	57.4	33.4	31.2	25.5	14.8	23.3	34.7	36.4	19.4	18.8	23.6	26.2
Wyoming.....	28.6	44.3	22.4	15.6	12.8	11.0	14.8	21.7	20.3	12.4	15.2	16.1	20.6
Colorado.....	48.8	36.4	26.2	20.9	15.6	9.2	17.2	24.0	25.2	14.8	16.2	19.4	24.4
New Mexico.....	91.7	78.0	62.2	55.2	34.4	20.6	21.5	21.6	21.6	18.5	20.4	21.3	24.2
Arizona.....	47.5	38.8	34.4	27.3	17.0	10.8	16.9	27.5	25.4	18.5	23.2	27.4	28.2
Utah.....	55.0	54.5	46.6	36.5	26.6	24.9	29.2	38.5	38.8	31.2	28.2	32.8	34.2
Nevada.....	32.4	46.7	16.3	11.1	10.8	9.0	14.5	27.3	23.9	13.6	18.5	20.2	23.2
PACIFIC:													
Washington.....	46.5	37.4	40.6	28.9	20.0	13.9	17.0	26.6	27.3	16.0	19.3	23.9	26.9
Oregon.....	51.7	48.3	43.3	28.4	19.4	12.8	11.8	20.9	18.9	12.1	14.5	19.4	23.2
California.....	40.0	33.6	21.4	17.8	13.8	12.2	16.1	20.0	20.0	23.4	20.1	20.2	19.7
Outlying parts of the United States													
Alaska.....						11.0	16.2	34.4	28.5	14.3	17.8	24.3	20.6
Canal Zone.....						31.4	47.4	47.5	28.6	26.2	18.8	29.6	32.7
Hawaii.....						16.9	16.9	20.7	20.0	21.3	17.4	17.7	18.0
Puerto Rico.....						22.9	26.7	22.9	21.5	20.8	21.0	19.9	19.8
Virgin Islands.....						35.7	35.7	27.4	15.9	12.7	-----	-----	17.6

1 Estimated.

Table 8.—Number of pupils enrolled in full-time public elementary and secondary day schools, by State, for specified years

State, by region	1870-71 ¹	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1943-44	1945-46	1947-48	1949-50
I	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States	7,561,582	9,867,595	12,722,631	15,503,110	17,813,852	21,578,316	25,678,015	25,433,542	23,266,616	23,299,941	23,944,532	25,111,427
NEW ENGLAND	711,190	756,571	815,868	959,920	1,081,148	1,242,221	1,492,320	1,399,746	1,240,024	1,197,881	1,218,081	1,292,728
Maine	152,600	149,827	139,676	130,918	144,278	137,681	154,455	163,640	148,524	145,900	151,582	158,247
New Hampshire	71,957	64,341	59,813	65,688	63,972	64,205	74,240	75,697	66,444	66,972	68,143	71,733
Vermont	65,384	75,328	65,608	65,964	66,615	61,785	65,976	64,911	55,099	52,997	56,300	61,143
Massachusetts	273,661	306,777	371,492	474,891	535,869	623,586	759,492	700,305	617,595	586,936	590,827	632,287
Rhode Island	34,000	40,604	52,774	67,231	80,061	93,501	118,704	114,161	96,936	94,346	94,062	96,305
Connecticut	113,588	119,694	126,505	155,228	190,353	261,463	319,453	281,032	255,426	250,730	257,767	273,015
MIDDLE ATLANTIC	2,032,154	2,173,864	2,296,754	2,684,029	3,135,731	3,925,080	4,870,924	4,796,177	4,138,289	4,010,083	4,067,706	4,223,330
New York	1,028,110	1,031,593	1,042,160	1,209,574	1,422,969	1,719,841	2,141,479	2,227,870	1,938,062	1,881,444	1,922,084	1,998,129
New Jersey	169,430	204,961	234,072	322,575	429,737	594,780	792,012	716,527	631,362	615,461	630,950	674,915
Pennsylvania	834,614	937,310	1,020,522	1,151,880	1,282,965	1,610,459	1,937,433	1,851,780	1,568,865	1,513,178	1,514,672	1,550,286
EAST NORTH CENTRAL	2,309,967	2,606,336	2,867,518	3,303,005	3,378,038	3,871,428	4,875,526	4,640,237	4,274,774	4,311,822	4,436,258	4,609,842
Ohio	719,372	729,499	797,489	829,160	838,080	1,020,663	1,277,636	1,213,978	1,115,630	1,118,506	1,151,913	1,202,967
Indiana	400,057	511,283	512,959	564,807	531,459	566,288	667,379	671,364	644,838	646,626	638,237	689,808
Illinois	672,787	704,041	778,319	938,911	1,002,687	1,127,560	1,395,907	1,248,827	1,124,921	1,115,707	1,137,268	1,235,683
Michigan	292,466	362,556	427,032	504,985	541,501	691,674	970,188	970,188	898,589	946,627	938,045	1,069,435
Wisconsin	205,285	299,457	351,723	445,142	464,311	465,243	564,022	535,880	490,796	484,356	490,795	493,949
WEST NORTH CENTRAL	900,693	1,426,992	2,147,749	2,539,564	2,603,951	2,724,540	2,853,752	2,645,455	2,366,120	2,344,508	2,354,861	2,411,630
Minnesota	113,983	180,248	280,960	399,207	440,083	503,597	551,741	512,224	460,762	462,539	480,126	481,612
Iowa	341,938	426,057	493,267	566,223	514,661	514,521	554,655	503,481	459,741	460,538	464,499	474,720
Missouri	330,070	482,086	620,314	719,817	707,031	672,483	656,073	700,640	631,818	625,235	623,757	644,437
North Dakota	1,660	13,718	75,043	77,686	139,802	168,283	169,277	140,126	114,591	114,591	112,629	114,661
South Dakota	(2)	38,043	98,822	126,253	146,955	165,624	136,447	116,318	116,318	113,831	114,510	117,675
Nebraska	23,265	92,549	240,300	288,227	281,375	311,821	325,216	276,188	237,589	230,147	225,525	227,879
Kansas	89,777	231,434	399,322	389,582	398,746	406,880	431,166	376,349	342,488	337,627	333,815	347,626
SOUTH ATLANTIC	603,619	1,242,811	1,785,486	2,182,615	2,573,386	3,282,217	3,755,278	3,923,820	3,676,662	3,712,807	3,841,828	4,060,522
Delaware	20,058	27,823	31,434	36,895	35,980	38,483	42,360	44,046	41,232	41,683	43,523	46,055
Maryland	115,683	162,431	184,251	222,873	238,393	241,618	277,459	287,225	283,047	288,391	302,416	335,018
Virginia	131,088	220,736	342,269	370,395	402,109	505,190	562,956	568,131	534,778	547,981	560,975	438,498
West Virginia	76,999	142,850	193,064	232,343	276,458	364,256	395,503	452,821	409,080	410,673	423,250	884,738

North Carolina-----	115,000	252,612	322,533	400,452	520,404	691,249	866,939	886,484	825,553	813,499	848,271	494,185
South Carolina-----	66,056	134,072	201,260	281,891	340,415	478,045	469,370	481,750	453,984	448,244	458,810	718,037
Georgia-----	49,287	98,533	131,297	182,673	255,794	360,918	713,290	737,979	682,149	694,382	699,464	936,836
Florida-----	14,000	39,315	92,472	108,874	148,089	225,160	346,434	369,214	355,652	733,177	407,605	96,823
District of Columbia-----	15,157	26,439	36,906	46,519	55,774	65,298	80,965	96,170	92,187	94,777	97,514	597,867
EAST SOUTH CENTRAL-----	576,769	992,361	1,483,383	1,748,578	1,910,364	2,137,794	2,434,538	2,533,761	2,321,491	2,276,879	2,340,796	2,430,174
Kentucky-----	178,457	278,000	399,660	500,294	494,863	535,332	588,354	604,064	525,444	526,461	546,077	562,883
Tennessee-----	140,000	300,217	447,950	485,354	521,753	619,822	627,747	648,131	608,420	595,019	628,439	659,785
Alabama-----	141,312	179,400	301,615	376,423	424,611	569,940	622,988	686,767	642,035	638,375	646,874	680,066
Mississippi-----	117,000	236,654	334,138	386,507	469,137	1,412,670	595,449	594,799	547,592	517,024	519,406	527,440
West South Central-----	191,070	379,614	810,196	1,270,031	1,903,625	2,462,181	2,881,420	2,878,999	2,540,369	2,537,061	2,581,233	2,685,877
Arkansas-----	69,927	81,972	223,071	314,062	395,978	483,172	456,185	455,339	400,897	393,070	403,708	407,084
Louisiana-----	57,639	77,642	120,253	196,169	263,617	354,073	434,557	473,020	432,395	436,273	442,411	483,363
Oklahoma-----	---	---	---	99,602	422,399	589,282	682,650	611,818	463,892	461,265	456,074	441,263
Texas-----	63,504	1,220,000	466,872	659,598	821,631	1,035,648	1,308,028	1,328,822	1,242,985	1,246,453	1,279,040	1,354,167
MOUNTAIN-----	28,788	77,468	174,703	341,123	525,118	794,536	898,248	905,956	843,285	866,520	913,220	983,971
Montana-----	1,657	4,270	16,980	39,430	66,141	126,576	120,337	107,302	91,770	95,669	97,465	105,917
Idaho-----	906	5,834	14,311	36,669	76,168	115,192	120,947	120,987	111,331	108,423	115,497	122,259
Wyoming-----	450	2,907	7,052	14,512	24,584	43,112	54,505	56,199	52,431	53,998	54,776	59,585
Colorado-----	4,357	22,119	65,490	117,555	168,798	220,232	240,482	221,409	202,410	205,907	215,355	229,196
New Mexico-----	1,320	4,755	18,215	36,735	56,304	81,399	102,084	132,589	121,567	128,532	136,097	148,978
Arizona-----	---	4,212	7,989	16,504	21,312	76,505	103,806	110,205	101,239	108,123	124,413	139,244
Utah-----	16,992	24,326	37,279	73,042	91,611	117,406	138,046	136,519	138,282	141,184	143,657	153,648
Nevada-----	3,106	9,045	7,387	6,676	10,200	14,114	18,041	20,746	24,255	24,684	25,960	25,144
PACIFIC-----	117,332	211,078	340,974	474,245	702,491	1,138,319	1,616,009	1,709,391	1,865,602	2,042,380	2,189,949	2,413,323
Washington-----	5,000	14,780	55,984	115,104	215,688	291,053	344,731	331,409	366,187	384,431	396,094	400,867
Oregon-----	21,000	37,533	63,254	89,405	118,412	151,028	202,595	188,876	196,407	232,764	232,489	255,033
California-----	91,332	138,763	221,736	269,736	368,391	696,238	1,068,653	1,189,106	1,303,008	1,434,185	1,561,369	1,757,424
Outlying parts of the United States-----	---	---	---	---	---	3,360	3,436	6,312	6,608	8,050	10,578	13,910
Alaska-----	---	---	---	---	---	---	---	2,864	---	3,000	3,140	4,001
American Samoa-----	---	---	---	---	---	---	7,003	6,688	6,448	7,558	8,081	9,523
Canal Zone-----	---	---	---	---	---	3,486	---	4,691	---	7,150	7,594	8,553
Guam-----	---	---	---	---	---	---	---	---	---	---	---	---
Hawaii-----	---	---	---	---	---	41,350	71,657	91,821	82,488	82,874	84,923	89,820
Puerto Rico-----	---	---	---	---	---	180,458	221,248	286,098	309,595	349,915	377,296	409,639
Virgin Islands-----	---	---	---	---	---	---	3,061	3,552	3,805	4,468	4,548	4,896

1 Estimated. 2 Included in North Dakota.

Table 9.—Population and number of pupils enrolled in full-time public elementary and secondary day schools, by State: 1949-50

[Thousands]

State, by region	Estimated ¹ population, excluding armed forces overseas, July 1, 1950			Total pupils		Elementary pupils (K-8th grade inclusive)			Secondary pupils (9th grade-postgraduate inclusive)		
	2	3	4	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
1											
Continental United States.....	151,240	30,788	25,111	12,830	12,281	19,405	10,018	9,387	5,707	2,812	2,895
NEW ENGLAND.....	9,339	1,697	1,293	668	625	962	499	463	331	169	162
Maine.....	920	192	158	81	77	124	65	59	34	16	18
New Hampshire.....	536	102	72	37	35	53	28	25	18	9	9
Vermont.....	380	79	61	32	30	49	25	23	12	6	6
Massachusetts.....	4,701	841	632	329	303	454	235	219	178	95	84
Rhode Island.....	788	137	96	50	47	71	37	34	25	13	12
Connecticut.....	2,014	345	273	139	134	210	109	101	63	30	33
MIDDLE ATLANTIC.....	30,335	5,592	4,223	2,163	2,061	3,095	1,591	1,505	1,128	572	556
New York.....	14,922	2,660	1,998	1,019	979	1,458	744	714	540	276	265
New Jersey.....	4,868	842	1,675	351	324	495	256	239	180	95	85
Pennsylvania.....	10,546	2,090	1,550	793	758	1,142	591	551	408	202	206
EAST NORTH CENTRAL.....	30,512	5,839	4,610	2,359	2,251	3,478	1,798	1,680	1,132	561	571
Ohio.....	7,959	1,459	1,203	616	587	917	474	443	286	142	145
Indiana.....	3,953	789	690	354	336	524	271	253	166	83	83
Illinois.....	8,751	1,566	1,154	591	563	871	451	420	283	140	143
Michigan.....	6,397	1,329	547	251	222	417	184	172	260	130	130
Wisconsin.....	3,452	695	494	251	243	356	184	172	138	67	71
WEST NORTH CENTRAL.....	14,149	2,831	2,412	1,231	1,180	1,828	945	883	584	286	298
Minnesota.....	3,002	612	481	245	237	359	186	173	123	60	63
Iowa.....	2,637	533	478	244	233	365	189	176	113	55	58
Missouri.....	3,970	746	644	329	316	499	257	242	145	71	74
North Dakota.....	625	147	115	59	56	88	46	41	27	12	15
South Dakota.....	660	145	118	59	58	89	46	43	29	14	15
Nebraska.....	1,337	267	228	117	111	168	87	81	60	30	30
Kansas.....	1,918	381	348	178	169	261	34	126	87	44	43
SOUTH ATLANTIC.....	21,235	4,905	4,061	2,051	2,009	3,269	1,683	1,586	791	368	423

Delaware.....	319	61	46	24	23	35	18	17	11	5	6
Maryland.....	2,352	465	335	172	163	270	139	130	65	32	33
Virginia.....	3,314	750	598	303	295	498	258	240	100	45	55
West Virginia.....	2,011	502	439	223	215	349	181	168	90	43	47
North Carolina.....	4,081	885	443	442	442	704	361	342	181	81	100
South Carolina.....	2,121	575	404	241	247	415	212	204	79	35	44
Georgia.....	3,458	845	718	363	355	571	294	277	147	69	78
Florida.....	2,789	552	450	230	220	353	182	171	97	48	49
District of Columbia.....	790	114	96	48	49	75	38	37	22	10	12
EAST SOUTH CENTRAL.....	11,497	2,801	2,430	1,233	1,197	2,009	1,035	974	421	198	223
Kentucky.....	2,956	721	563	287	275	467	242	225	96	46	50
Tennessee.....	3,297	779	660	335	324	539	279	260	120	56	64
Alabama.....	3,063	783	680	343	338	556	284	272	124	58	66
Mississippi.....	2,183	578	527	268	260	447	230	217	81	38	43
WEST SOUTH CENTRAL.....	14,552	3,274	2,686	1,374	1,312	2,147	1,111	1,036	539	263	276
Arkansas.....	1,913	478	407	207	200	329	170	159	78	38	41
Louisiana.....	2,688	641	483	243	240	400	206	194	84	38	46
Oklahoma.....	2,532	510	441	227	214	340	176	163	101	50	51
Texas.....	7,719	1,644	1,354	697	658	1,078	559	520	276	138	138
MOUNTAIN.....	5,121	1,168	984	503	481	761	392	369	223	111	112
Montana.....	598	126	106	54	52	80	41	39	26	13	13
Idaho.....	593	141	122	63	59	91	47	44	31	16	15
Wyoming.....	291	63	60	29	31	46	22	24	14	7	7
Colorado.....	1,339	275	229	117	112	177	91	86	52	26	26
New Mexico.....	691	179	149	76	73	121	63	58	27	13	15
Arizona.....	184	139	139	72	67	112	57	54	28	14	13
Utah.....	695	172	154	79	75	115	60	56	39	19	20
Nevada.....	160	30	25	13	12	20	10	9	6	3	3
PACIFIC.....	14,499	2,621	2,413	1,248	1,165	1,856	965	891	558	284	274
Washington.....	2,382	453	401	205	196	309	159	150	92	46	45
Oregon.....	1,525	296	255	131	125	189	97	92	66	33	33
California.....	10,592	1,873	1,757	912	845	1,358	709	649	399	201	196
Outlying parts of the United States.....											
Alaska.....	129	4 21	14	7	7	12	6	6	2	1	1
American Samoa.....	19	---	4	2	2	3	2	2	1	(⁶)	---
Canal Zone.....	53	---	10	---	---	8	---	---	---	---	---
Guam.....	59	---	9	---	---	7	---	---	1	---	---
Hawaii.....	500	4 115	90	46	44	65	34	31	25	13	12
Puerto Rico.....	2,211	4 707	410	216	193	362	192	170	48	(⁶)	23
Virgin Islands.....	27	4 8	5	3	2	4	2	2	1	---	(⁶)

⁴ Statistics, 1946-47.

⁵ Less than 0.5.

¹ U. S. Bureau of the Census.

² Sex distribution estimated on basis of Washington.

³ Statistics, 1946-47, except column 2.

Table 10.—Enrollment, by grade, in full-time public day schools, for specified years

Item	1938-39	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47	1947-48	1948-49	1949-50
1												
Total enrollment	25,704,325	25,433,542	25,296,138	24,562,473	24,155,146	23,266,616	23,225,784	23,299,941	23,659,158	23,944,532	24,476,658	25,111,427
Elementary grades.....	19,290,136	18,832,098	18,582,225	18,174,668	18,033,080	17,713,096	17,665,594	17,677,744	17,821,481	18,291,227	18,818,254	19,404,693
Secondary grades.....	6,414,189	6,601,444	6,713,913	6,387,805	6,122,066	5,553,520	5,560,190	5,622,197	5,837,677	5,653,305	5,658,404	5,706,734
Number in each grade:												
Kindergarten.....	600,841	594,647	613,213	625,783	664,915	697,468	733,974	772,957	872,835	988,680	1,016,186	1,034,203
First.....	3,167,803	3,018,463	2,991,738	2,930,762	2,919,242	2,878,843	2,881,849	2,894,888	2,806,451	2,931,300	3,067,375	3,170,343
Second.....	2,409,813	2,333,076	2,285,614	2,215,100	2,228,945	2,220,739	2,265,796	2,318,502	2,319,772	2,363,477	2,502,838	2,644,707
Third.....	2,387,970	2,331,559	2,263,315	2,173,245	2,179,843	2,162,878	2,173,078	2,190,017	2,204,573	2,258,858	2,314,645	2,395,904
Fourth.....	2,362,242	2,321,867	2,270,749	2,196,732	2,148,889	2,079,788	2,083,532	2,094,852	2,119,377	2,153,171	2,220,534	2,254,028
Fifth.....	2,295,060	2,247,692	2,211,285	2,166,018	2,135,589	2,101,635	2,007,985	2,006,120	2,012,212	2,055,115	2,088,826	2,150,678
Sixth.....	2,214,428	2,176,133	2,155,538	2,124,494	2,071,396	1,997,806	1,950,924	1,910,028	1,907,394	1,939,500	1,994,735	2,055,741
Seventh.....	2,140,420	2,107,667	2,099,791	2,060,752	2,022,880	1,964,997	1,897,743	1,836,897	1,850,394	1,897,740	1,919,402	1,947,227
Eighth.....	1,711,559	1,700,994	1,690,982	1,679,782	1,695,247	1,693,942	1,670,990	1,653,683	1,638,548	1,653,386	1,693,613	1,751,862
First year high school.....	1,995,360	2,011,341	2,034,316	1,927,040	1,897,750	1,774,593	1,742,873	1,728,499	1,761,020	1,583,245	1,499,477	1,511,906
Second year high school.....	1,718,297	1,767,312	1,792,615	1,705,746	1,653,586	1,519,638	1,526,883	1,555,302	1,508,592	1,672,920	1,708,838	1,756,303
Third year high school.....	1,432,500	1,485,603	1,517,344	1,450,788	1,374,470	1,230,168	1,236,883	1,255,407	1,308,592	1,502,743	1,499,477	1,511,906
Fourth year high school.....	1,216,121	1,281,725	1,322,641	1,273,141	1,170,319	1,009,611	1,015,959	1,032,420	1,119,968	1,271,645	1,267,483	1,273,826
Postgraduate.....	51,911	55,453	46,997	31,090	25,941	19,510	34,618	50,069	64,832	75,192	56,584	41,827
Percent in each grade:												
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Kindergarten.....	2.3	2.3	2.4	2.6	2.7	3.0	3.2	3.3	3.7	4.1	4.2	4.1
First.....	12.3	11.9	11.8	11.9	12.1	12.4	12.4	12.4	12.2	12.3	12.5	12.6
Second.....	9.4	9.2	9.0	9.0	9.2	9.5	9.7	10.0	9.8	9.9	10.2	10.5
Third.....	9.3	9.2	8.9	8.9	8.9	9.3	9.4	9.4	9.3	9.5	9.5	9.5
Fourth.....	9.2	9.1	9.0	8.9	8.9	8.9	9.0	9.0	9.0	9.1	9.1	9.0
Fifth.....	8.9	8.8	8.8	8.7	8.7	8.7	8.6	8.6	8.5	8.6	8.5	8.6
Sixth.....	8.6	8.6	8.5	8.7	8.6	8.6	8.4	8.2	8.1	8.1	8.2	8.2
Seventh.....	8.3	8.3	8.3	8.4	8.4	8.5	8.2	7.9	7.8	7.9	7.8	7.7
Eighth.....	6.7	6.7	6.7	6.8	7.0	7.3	7.2	7.1	6.9	6.9	6.9	7.0
First year high school.....	7.8	7.9	8.1	7.9	7.9	7.6	7.5	7.4	7.5	7.0	7.0	7.0
Second year high school.....	6.7	7.0	7.1	6.9	6.8	6.5	6.6	6.7	6.7	6.3	6.1	6.0
Third year high school.....	5.6	5.8	5.7	5.9	5.7	5.3	5.3	5.4	5.5	5.2	5.1	5.1
Fourth year high school.....	4.7	5.0	5.2	5.2	4.9	4.3	4.4	4.4	4.7	4.7	4.6	4.5
Postgraduate.....	.2	.2	.2	.1	.1	.1	.1	.2	.3	.3	.2	.2

1 Estimated

2 Total elementary and high-school enrollment taken from special studies. Distribution, by grade, is estimated.

3 The class in the first grade, 1938-39.

Table 11.—Enrollment, by grade, in full-time public elementary and secondary schools, by State: 1949-50

State, by region	Total	Kindergarten and elementary school pupils										Secondary school pupils					
		Total	Kindergarten	First grade	Second grade	Third grade	Fourth grade	Fifth grade	Sixth grade	Seventh grade	Eighth grade	Total	First year	Second year	Third year	Fourth year	Post-graduate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Continental United States																	
25,111,427		19,404,693	1,034,203	3,170,343	2,644,707	2,395,904	2,254,028	2,150,678	2,055,741	1,947,227	1,751,862	5,706,734	1,756,303	1,511,906	1,273,826	1,122,872	41,827
1,292,728		961,515	79,020	143,275	130,742	113,674	104,088	101,202	98,626	98,052	92,836	331,213	95,907	86,788	75,002	70,742	2,714
New England																	
Maine		158,247	124,058	13,732	17,078	15,405	14,288	13,317	13,045	12,728	11,852	34,189	10,255	9,015	7,849	6,892	178
New Hampshire		71,733	53,316	1,941	8,078	7,361	6,627	6,140	5,898	5,743	5,024	18,417	5,376	4,799	4,229	3,894	119
Vermont		61,143	49,224	1,090	7,760	6,885	6,309	6,104	5,852	5,689	5,136	11,919	5,656	5,048	2,941	2,473	101
Massachusetts		632,255	453,852	31,735	69,012	63,303	54,576	49,184	48,053	46,856	46,907	178,433	51,050	40,627	40,186	38,668	1,902
Rhode Island		96,305	71,308	5,731	9,421	8,513	8,271	8,002	7,758	7,640	8,159	24,997	7,400	6,805	5,363	5,429	---
Connecticut		273,015	209,757	24,791	31,926	29,275	23,603	21,341	20,616	20,285	19,368	63,258	18,230	16,494	14,734	13,386	414
4,223,330		3,095,322	256,959	456,386	416,380	363,797	337,681	327,622	319,685	318,721	293,091	1,128,008	349,258	296,064	250,197	226,969	5,520
Middle Atlantic																	
New York		1,998,129	1,457,855	146,120	208,180	203,134	172,582	156,186	146,791	145,003	146,335	540,274	177,072	140,371	115,703	102,240	4,888
New Jersey		674,915	495,140	52,475	80,356	66,066	56,050	50,837	48,671	48,529	47,734	179,775	53,166	47,088	40,767	38,440	314
Pennsylvania		1,550,286	1,142,327	58,364	167,850	147,180	135,105	130,658	132,160	126,153	124,652	407,959	119,020	108,605	93,727	86,289	318
4,609,842		3,477,637	288,131	511,725	465,997	414,455	384,044	367,841	366,320	349,352	329,772	1,132,205	331,585	292,814	248,556	229,029	30,221
East North Central																	
Ohio		1,202,967	916,706	50,259	135,545	128,258	114,973	103,650	99,353	97,502	90,250	286,261	86,444	76,154	64,649	59,014	---
Indiana		689,808	524,208	22,833	79,062	72,146	65,664	61,531	58,613	58,471	54,908	165,600	50,442	43,742	36,670	34,716	---
Illinois		1,153,683	871,072	77,782	133,337	115,553	101,269	95,006	90,233	81,585	84,725	312,611	84,300	76,269	68,196	57,736	1,104
Michigan		1,069,435	809,887	101,426	114,775	104,908	91,840	85,383	81,641	80,971	76,647	272,296	70,404	60,940	51,899	47,239	29,066
Wisconsin		483,949	355,704	35,831	48,956	44,832	40,709	38,474	38,001	37,790	36,156	138,185	39,989	35,709	32,142	30,294	51
2,411,630		1,828,121	112,752	280,065	240,103	220,310	208,833	204,879	193,601	189,898	177,680	583,509	170,202	151,909	136,946	123,311	1,141
West North Central																	
Minnesota		481,612	358,736	23,317	52,027	48,778	43,146	40,833	39,604	38,547	36,776	122,876	34,966	32,007	28,408	26,447	1,048
Iowa		477,720	304,942	28,496	62,527	44,698	41,704	39,764	38,880	37,941	36,104	112,778	37,064	34,911	29,585	24,900	18
Missouri		644,457	499,126	19,706	86,106	67,221	63,431	59,050	56,162	51,401	53,689	145,331	45,312	37,954	34,475	27,500	---
North Dakota		114,661	87,809	173	13,347	12,116	11,157	10,767	10,362	10,145	9,904	9,938	8,138	6,589	6,164	5,091	---
South Dakota		117,675	88,577	3,031	13,136	11,792	10,839	10,556	9,943	9,999	9,688	26,852	8,425	7,392	6,770	6,436	75
Nebraska		227,879	168,063	18,576	20,580	20,880	18,834	18,469	18,365	17,990	16,798	59,916	16,036	15,706	14,189	13,265	---
Kansas		347,626	260,868	18,653	37,912	34,618	31,099	29,394	28,613	27,882	26,557	86,758	24,661	22,780	20,355	18,962	---

Table 11.—Enrollment, by grade, in full-time public elementary and secondary schools, by State: 1949-50—Continued

State, by region	Total	Kindergarten and elementary school pupils										Secondary school pupils						
		Total	Kinder- garden	First grade	Second grade	Third grade	Fourth grade	Fifth grade	Sixth grade	Seventh grade	Eighth grade	Total	First year	Second year	Third year	Fourth year	Post- graduate	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
SOUTH ATLANTIC.....																		
	4,060,552	3,269,350	31,728	581,663	468,943	430,186	415,833	837,111	363,444	335,481	254,911	791,202	264,035	218,868	174,338	133,371	590	
Delaware.....	46,055	35,325	709	5,580	5,008	4,553	4,216	3,984	3,966	3,922	3,357	10,730	3,358	2,928	2,378	2,036	---	
Maryland.....	335,018	269,911	10,872	41,834	38,496	34,249	63,442	30,659	29,144	27,379	23,826	65,107	22,121	19,067	14,853	9,014	52	
Virginia.....	597,867	407,563	5,088	88,121	71,993	64,003	63,554	58,849	54,222	48,890	43,843	100,340	35,128	29,850	24,300	19,096	---	
West Virginia.....	438,498	348,561	---	55,557	48,930	45,480	43,935	41,982	40,452	38,295	32,930	89,897	29,628	24,073	19,340	16,646	250	
North Carolina.....	884,733	703,698	---	117,093	96,970	91,913	88,841	84,524	80,305	75,538	63,620	181,035	61,426	48,722	38,215	32,432	240	
South Carolina.....	494,135	415,146	---	83,986	59,765	54,361	52,271	46,762	43,828	39,863	33,510	79,059	26,385	21,847	16,868	13,439	---	
Georgia.....	718,037	571,329	4,496	118,212	88,508	80,378	77,717	71,650	63,200	56,890	48,762	146,708	39,515	32,283	26,148	18,340	---	
Florida.....	449,836	353,241	2,773	58,720	50,052	46,035	43,911	41,427	39,349	37,272	33,702	96,595	30,466	27,037	21,172	15,430	---	
District of Columbia.....	96,323	74,576	7,790	12,560	9,221	8,584	7,996	7,264	6,978	7,342	6,841	21,747	6,651	5,829	4,839	4,380	48	
EAST SOUTH CENTRAL.....																		
	2,430,174	2,009,179	5,090	404,590	275,105	262,369	249,963	232,147	215,265	193,196	171,454	420,995	142,097	115,393	88,355	75,150	---	
Kentucky.....	562,833	467,159	5,090	86,348	65,825	61,749	60,145	55,069	50,081	43,241	39,611	95,724	31,617	26,846	19,423	17,838	---	
Tennessee.....	659,785	539,445	---	94,468	76,146	73,131	68,329	63,048	60,449	54,714	48,560	120,340	41,202	32,363	25,193	21,577	---	
Alabama.....	680,066	555,892	---	109,787	75,108	71,827	68,672	64,586	60,980	56,352	48,580	124,174	42,193	34,206	26,470	21,305	---	
Mississippi.....	527,440	446,633	---	113,987	58,026	55,662	52,817	48,844	43,755	38,889	34,703	80,757	27,985	21,973	17,269	14,430	---	
WEST SOUTH CENTRAL.....																		
	2,685,877	2,146,638	21,115	391,043	299,899	281,420	264,976	250,053	234,607	212,585	191,020	539,189	175,800	137,705	120,655	104,741	288	
Arkansas.....	407,084	328,804	---	63,233	44,656	43,100	41,035	38,808	36,201	32,058	28,813	78,280	25,553	20,873	17,328	14,526	---	
Louisiana.....	483,363	399,634	5,294	71,437	57,500	53,261	50,473	47,006	43,763	37,632	32,368	83,729	29,575	22,677	17,348	14,056	73	
Oklahoma.....	441,263	339,797	6,893	56,030	46,422	43,043	40,316	39,618	37,639	35,817	34,019	101,466	30,426	27,532	23,222	20,071	215	
Texas.....	1,354,167	1,078,453	8,928	200,343	151,291	142,016	133,152	123,721	117,004	106,178	95,820	275,714	90,246	66,623	62,757	56,088	---	
MOUNTAIN.....																		
	983,971	761,292	34,942	118,424	102,758	94,712	90,284	86,116	83,390	78,158	72,508	222,679	67,900	60,201	50,534	42,923	1,121	
Montana.....	105,917	79,864	1,245	12,329	11,103	10,389	9,806	9,536	8,871	8,434	8,151	26,053	7,932	6,930	5,896	5,218	77	
Idaho.....	122,259	91,232	---	14,226	12,621	11,773	10,613	10,613	10,642	10,298	9,687	31,027	9,318	8,351	6,970	6,388	---	
Wyoming.....	59,585	46,004	2,147	7,193	6,328	5,676	5,385	5,283	5,000	4,629	4,363	13,551	4,040	3,558	3,215	2,745	23	
Colorado.....	229,196	176,697	11,483	26,199	23,065	21,204	20,510	19,624	19,184	18,292	17,156	52,499	15,028	14,252	11,931	10,661	27	
New Mexico.....	148,978	121,496	8,343	17,767	16,496	15,566	14,694	13,755	13,158	11,994	10,921	27,482	9,238	7,492	5,883	4,869	---	
Arizona.....	139,244	111,557	3,215	20,560	15,246	14,135	13,377	12,665	11,691	10,994	9,674	27,687	8,751	7,329	5,945	4,912	750	
Utah.....	153,648	114,917	6,733	17,112	15,259	13,697	13,034	12,570	12,786	11,983	11,743	38,731	11,329	10,727	9,420	7,011	244	
Nevada.....	25,144	19,525	1,776	3,038	2,640	2,272	2,106	2,068	2,078	1,834	1,713	5,619	1,664	1,502	1,274	1,119	---	

Pacific.....	2,413,323	1,855,589	204,466	283,172	244,810	214,981	198,276	193,707	180,803	171,784	163,590	557,734	159,459	152,164	129,243	116,636	232
Washington.....	400,867	308,870	27,358	46,976	40,927	36,123	34,186	32,858	31,867	30,174	28,401	91,997	97,090	24,864	21,299	18,652	232
Oregon.....	255,032	188,786	5,788	28,597	26,163	23,126	22,427	22,020	21,182	20,252	19,231	66,246	19,346	17,856	15,417	13,927	-----
California.....	1,757,424	1,357,933	171,320	297,599	177,720	135,732	141,663	138,829	127,754	121,358	115,993	399,491	113,093	109,444	92,597	84,357	-----
Outlying parts of the United States.....	531,789	453,874	6,624	90,190	76,586	68,150	59,237	49,101	41,570	33,635	28,781	77,915	25,513	19,524	16,443	14,905	1,530
Alaska.....	13,910	11,592	697	2,214	1,725	1,409	1,344	1,188	1,109	1,028	878	2,318	726	632	515	429	16
American Samoa.....	4,001	3,485	-----	1,121	486	382	388	296	268	286	258	516	60	67	97	17	275
Canal Zone.....	9,523	7,594	955	1,289	1,025	882	837	713	695	640	558	1,029	475	634	416	404	-----
Hawaii.....	89,820	65,074	4,688	9,700	8,304	7,625	7,312	7,260	6,981	6,742	6,462	24,746	6,356	6,006	5,574	5,571	1,239
Puerto Rico.....	409,639	361,900	-----	75,163	64,476	57,382	48,795	39,209	32,096	24,479	20,300	47,739	17,647	11,969	9,726	8,397	-----
Virgin Islands.....	4,896	4,229	284	703	570	470	561	435	421	460	325	667	249	216	115	87	-----

Table 12.—Public high-school graduates, and data pertaining to summer schools and adult education classes, by State: 1949-50

State, by region	Public high-school graduates			Summer schools			Adult educational classes		
	Total	Boys	Girls	Teachers	Enrollment	Expenditures	Teachers	Enrollment	Expenditures
1	2	3	4	5	6	7	8	9	10
Continental United States	1,063,444	505,394	558,050				46,677	2,578,605	
NEW ENGLAND	63,691	29,886	33,805				3,268	93,946	
Maine	6,763	3,207	3,556	34	485	(1)	220	4,234	242,916
New Hampshire	3,841	1,841	2,000			(1)	368	32,328	2148,344
Vermont	4,243	1,122	1,301				3113	32,435	
Massachusetts	33,032	15,560	17,472	179	2,602	\$19,795	2,055	57,307	\$705,540
Rhode Island	4,202	1,988	2,214			1,856	100	3,410	49,776
Connecticut	13,430	6,168	7,262				712	24,232	359,959
MIDDLE ATLANTIC	215,334	104,502	110,832		85,755		12,900	558,989	
New York	97,857	47,651	50,206		68,148	(1)	10,041	470,724	7,150,102
New Jersey	33,074	16,145	16,929	422	10,386	139,147	1,388	34,876	1,812,099
Pennsylvania	84,403	40,706	43,697	304	7,211		1,471	53,389	
EAST NORTH CENTRAL	224,026	106,449	117,577				6,486	307,347	
Ohio	58,084	28,017	30,067	679	20,681	217,820	1,393	47,397	637,251
Indiana	31,941	15,720	16,221				1,531	72,063	
Illinois	57,679	28,428	29,251				3,726	46,177	
Michigan	46,096	19,877	26,219				3,1,225	71,013	
Wisconsin	30,226	14,407	15,819			79,641	1,611	70,697	2,328,936
WEST NORTH CENTRAL	118,492	55,987	62,505				2,458	176,875	
Minnesota	26,488	12,326	14,162				3,607	29,679	
Iowa	23,959	11,654	12,305	61	3,031		3,623	71,123	
Missouri	24,925	11,944	12,981				3,448	40,214	
North Dakota	5,464	2,235	3,229				1,115	3,429	
South Dakota	6,203	2,654	3,549				3,62	1,765	
Nebraska	13,365	6,142	7,223				3,257	15,293	
Kansas	18,088	9,032	9,056				3,346	14,510	
SOUTH ATLANTIC	128,980	57,369	71,611				9,048	424,720	
Delaware	2,024	930	1,094	23	519	44,222	139	3,354	14,942
Maryland	8,372	4,084	4,288	92	4,222	41,790	855	28,335	1,346,093
Virginia	20,116	8,648	11,468	606	11,435	113,637	1,309	69,049	598,948
West Virginia	15,952	7,266	8,686			(9)	3,257	34,428	
North Carolina	30,485	13,172	17,313				3,316	33,967	(8)
South Carolina	32,056	4,806	7,250				1,153	98,364	4,506,223

See footnotes at end of table.

Georgia.....	19,760	8,782	10,978	141	2,819	(1)	4,000	389,298	26,370,242
Florida.....	16,485	7,985	8,500	285	8,237	(1)	3,685	351,187	22,345,225
District of Columbia.....	3,730	1,696	2,034				334	16,738	387,430
EAST SOUTH CENTRAL.....	70,742	31,733	39,009				2,081	139,097	
Kentucky.....	16,859	7,804	9,055				3,630	331,488	3,555,026
Tennessee.....	19,784	8,841	10,943				3,461	323,382	174,939
Alabama.....	19,700	8,477	11,223				3,818	334,347	361,004
Mississippi.....	14,399	6,611	7,788		1,511		3,172	349,880	
WEST SOUTH CENTRAL.....	97,836	46,282	51,554				2,842	293,868	
Arkansas.....	14,066	6,631	7,435				3,736	342,970	
Louisiana.....	12,548	5,188	7,360				3,167	325,691	
Oklahoma.....	20,199	9,884	10,315				3,999	3197,066	
Texas.....	51,023	24,579	26,444						
MOUNTAIN.....	41,016	20,516	20,500				1,370	88,618	
Montana.....	4,975	2,513	2,462				173	3,078	794,449
Idaho.....	6,126	3,042	3,084				384	33,151	
Wyoming.....	2,631	1,340	1,291				380	32,210	
Colorado.....	10,317	5,202	5,115				331	329,098	
New Mexico.....	4,313	2,066	2,247				391	38,839	
Arizona.....	4,837	2,353	2,484				319	38,067	
Utah.....	6,678	3,429	3,240	245	8,828	58,926	3431	331,513	104,729
Nevada.....	1,139	571	568				342	31,742	
PACIFIC.....	103,327	52,670	50,657				6,224	495,145	
Washington.....	18,453	9,106	9,347				31,048	382,559	11,050,000
Oregon.....	12,257	6,066	6,191				7,307	320,218	
California.....	72,617	37,498	35,119				34,869	3392,368	
Outlying parts of the United States.....									
Alaska.....	374	203	171						
American Samoa.....	16	1	1						
Canal Zone.....	406	230	176	13	350		48	1,076	14,319
Hawaii.....	5,585	2,744	2,841				3127	35,474	181,548
Puerto Rico.....	7,624	3,418	4,206	105	2,104	28,148	377	12,445	68,500
Virgin Islands.....	12 94	43	51			17			30,892

¹ Small amount included in Auxiliary Services.

² Sex ratio from statistics, 1945-46.

³ Twelfth grade promotions; sex ratio based on distribution in twelfth grade.

⁴ Estimated.

⁵ Partially estimated.

Source: Digest of annual reports of State Boards for Vocational Education, fiscal year ended June 30, 1950. Federal Security Agency, Office of Education.

¹ Includes summer school.
² Statistics for federally aided evening and part-time vocational classes in agriculture, trade and industry, distributive occupations, and home economics.
³ Statistics, 1947-48.

⁴ Excludes veterans' program.

⁵ Sex ratio from statistics, 1947-48.

⁶ Estimated on basis of statistics, 1947-48.

Table 13.—Percent of total population and percent of population aged 5-17 enrolled in full-time public elementary and secondary day schools, by State, for specified years

State, by region	Percent of total population enrolled										Percent of children 5-17 enrolled											
	1870-71	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1945-46	1947-48	1949-50	1870-71	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1945-46	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Continental United States.....	19.1	19.7	20.3	20.5	19.4	20.4	20.9	19.3	16.7	16.4	16.6	61.5	65.5	68.6	72.4	73.5	77.8	81.3	85.3	80.5	79.4	81.6
NEW ENGLAND:	24.3	23.1	21.1	18.9	19.5	17.9	19.4	19.3	16.7	16.9	17.2	87.4	89.8	85.9	81.4	84.9	76.3	78.9	82.3	77.4	77.7	82.3
Maine.....	22.4	18.5	15.9	16.0	14.9	14.5	16.0	15.4	13.0	13.0	13.4	91.3	81.3	71.3	74.0	67.0	64.3	68.0	72.2	68.0	67.5	70.6
New Hampshire.....	19.8	22.6	19.7	19.2	18.7	17.5	18.3	18.1	15.0	15.5	16.0	87.2	87.2	82.0	80.4	73.4	75.3	79.2	79.2	69.3	71.3	77.2
Vermont.....	18.3	17.2	16.6	16.9	15.9	16.2	17.9	16.2	12.7	12.8	12.7	72.3	71.8	72.6	76.2	71.3	71.3	76.0	78.6	72.1	69.7	75.1
Massachusetts.....	15.1	14.7	15.3	15.7	14.8	15.5	17.3	16.0	12.7	12.6	12.5	59.6	59.6	62.7	66.8	63.8	65.4	69.9	75.8	72.0	70.2	70.1
Rhode Island.....	20.8	19.2	17.0	17.0	17.3	18.9	19.9	16.4	12.8	13.0	13.5	80.8	77.0	72.0	74.5	74.4	80.3	79.3	80.7	75.2	72.6	79.1
CONNECTICUT:	23.2	20.3	17.4	16.6	15.6	16.6	17.0	16.5	13.7	13.5	13.4	83.0	77.1	70.7	69.6	68.7	72.8	76.7	86.0	80.2	77.7	75.1
New York.....	18.3	18.1	16.2	17.1	17.0	18.8	19.6	17.2	14.3	13.2	13.9	63.2	64.8	62.2	68.5	70.6	77.4	80.4	85.2	85.8	76.7	80.2
New Jersey.....	23.2	21.9	19.4	18.3	16.7	18.5	20.1	18.7	15.1	14.5	14.7	76.4	74.4	69.5	68.9	67.2	71.5	76.0	82.2	76.4	73.1	74.2
PENNSYLVANIA:	26.5	22.8	21.7	19.9	17.6	17.7	19.2	17.6	14.9	14.7	15.1	84.0	76.7	76.5	75.4	74.4	76.6	79.9	84.3	77.3	76.1	82.4
OHIO:	26.3	25.9	23.4	22.4	19.7	19.3	20.6	19.6	17.2	16.8	17.5	78.6	82.4	79.2	81.1	78.7	79.4	85.2	90.4	85.8	83.2	87.4
Indiana.....	26.0	22.9	20.3	19.9	17.4	18.3	15.8	13.9	13.6	13.2	13.1	74.6	72.0	72.0	72.7	72.3	72.1	78.9	80.4	76.3	74.8	73.7
ILLINOIS:	24.0	22.2	20.9	18.4	15.6	16.1	16.7	19.7	15.6	16.1	16.7	79.7	78.1	73.5	77.1	78.3	79.3	81.2	83.0	74.7	77.0	80.4
Michigan.....	24.6	22.8	20.4	21.5	19.9	17.7	19.2	17.1	15.3	14.9	14.3	72.9	73.8	69.8	72.5	72.5	68.2	75.8	76.4	73.5	72.4	71.1
WISCONSIN:	24.5	23.1	21.6	22.8	21.2	21.1	21.5	18.3	16.4	16.4	16.1	75.9	75.9	74.6	77.6	78.3	81.8	84.0	82.9	79.8	80.3	78.8
MINNESOTA:	24.5	26.2	25.8	25.4	23.1	21.4	22.4	19.8	18.1	17.8	18.1	84.4	83.5	85.5	89.1	87.4	86.1	90.2	91.0	87.5	92.0	89.7
Iowa.....	18.7	22.3	23.2	23.2	21.5	19.8	18.1	18.5	16.6	16.0	16.2	56.0	68.9	74.4	78.6	82.2	78.3	76.3	86.2	83.1	81.0	86.3
MISSOURI:	9.3	10.2	19.5	24.3	24.2	26.0	24.9	21.9	21.3	19.3	18.4	30.3	41.7	71.3	81.1	86.1	84.6	83.0	83.6	78.0	78.8	78.2
North Dakota.....	(*)	(*)	23.7	24.6	24.6	23.1	23.9	21.3	20.8	18.7	17.9	(*)	(*)	81.0	79.5	78.1	82.9	84.7	86.1	80.8	81.8	81.4
South Dakota.....	16.6	20.5	22.7	27.0	23.7	24.1	23.6	21.0	18.0	17.6	17.0	58.8	68.5	75.4	89.5	87.0	90.5	90.9	91.4	86.1	86.7	85.4
Nebraska.....	22.3	23.2	28.0	26.5	23.7	23.0	22.9	20.9	18.1	17.6	18.1	74.2	73.2	88.6	89.2	89.2	87.9	90.5	93.7	90.9	89.7	91.3
KANSAS:	15.8	19.0	18.7	20.0	14.3	17.3	17.8	16.5	14.5	14.5	14.4	50.0	65.2	66.2	75.3	71.8	73.3	73.5	80.8	75.0	75.0	75.4
SOUTH ATLANTIC:	14.6	17.4	17.7	18.7	18.4	16.7	17.0	15.7	13.2	14.0	14.2	46.7	58.1	60.4	67.0	70.1	66.9	68.9	72.8	72.1	73.0	72.0
Delaware.....	10.5	14.6	20.7	20.0	19.6	21.9	23.2	21.2	18.4	18.4	18.0	32.3	43.9	49.5	63.2	64.2	73.3	78.6	82.2	81.2	80.6	70.7
Maryland.....	16.9	23.1	25.3	24.2	22.8	23.7	22.9	23.8	22.7	22.1	21.8	49.5	65.2	75.3	78.6	78.2	79.8	76.0	86.3	83.7	84.8	87.2
West Virginia.....	10.5	18.1	19.9	21.1	23.6	27.0	27.3	24.8	22.3	22.3	21.7	31.2	55.9	56.4	63.4	73.4	82.4	84.1	86.3	83.6	85.3	84.9
North Carolina.....	9.1	13.5	17.5	21.0	22.4	28.4	27.0	25.3	23.5	23.1	23.3	27.3	40.6	47.1	60.7	67.3	83.9	86.2	85.7	83.5	82.8	85.9
South Carolina.....	4.1	15.3	23.6	21.8	21.3	24.5	23.6	22.2	22.1	22.1	20.8	11.9	44.2	58.5	65.3	66.7	74.0	79.7	88.1	85.5	85.0	85.0
Georgia.....	7.2	15.6	23.6	20.6	19.7	23.2	23.6	19.3	16.2	16.8	16.1	21.2	46.2	71.1	66.6	68.5	82.6	81.5	86.6	81.5	82.0	81.5
Florida.....	11.2	14.9	16.0	16.7	16.9	14.9	16.6	14.4	11.2	11.3	12.1	41.6	55.4	63.1	76.8	84.7	84.3	91.9	90.7	84.0	75.6	84.2
District of Columbia.....																						

See footnotes at end of table.

Table 13.—Percent of total population and percent of population aged 5-17 enrolled in full-time public elementary and secondary day schools, by State, for specified years—Continued

State, by region	Percent of total population enrolled										Percent of children 5-17 enrolled											
	1870-71	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1945-46	1947-48	1949-50	1870-71	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1945-46	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
EAST SOUTH CENTRAL:																						
Kentucky	13.2	16.7	21.5	23.3	21.7	22.2	22.5	21.2	19.2	19.1	19.0	---	---	65.6	75.3	73.5	76.2	78.1	79.5	75.2	76.4	78.1
Tennessee	10.9	19.5	25.3	24.0	24.0	26.5	24.0	22.2	19.8	19.8	20.0	32.0	58.2	74.1	75.1	79.5	87.6	83.5	85.6	80.8	81.5	84.7
Alabama	13.9	14.2	19.9	20.6	19.9	24.3	23.6	22.4	22.7	22.3	22.2	40.6	42.6	55.8	61.7	62.5	74.1	76.2	85.2	84.4	83.7	86.8
Mississippi	13.7	20.9	25.9	24.9	26.1	23.1	29.6	27.2	26.4	24.6	24.1	40.6	61.3	70.6	73.3	80.2	69.8	97.1	97.2	89.5	88.9	91.2
WEST SOUTH CENTRAL:																						
Arkansas	13.7	10.2	19.8	24.0	25.3	27.6	24.6	23.8	20.9	20.8	21.3	40.3	30.8	55.4	71.0	80.1	85.7	81.5	87.0	79.6	79.8	85.1
Louisiana	7.7	8.3	10.8	14.2	16.0	19.7	20.7	20.0	17.3	17.1	18.0	24.8	25.9	31.6	43.6	50.8	63.5	71.7	76.3	71.8	79.3	75.3
Oklahoma	---	---	---	25.0	25.5	29.1	28.5	26.2	20.7	19.9	19.8	---	---	---	79.8	83.1	92.6	98.2	101.2	84.3	85.4	86.5
Texas	7.3	13.8	20.9	21.6	21.1	22.2	22.5	20.7	17.9	17.4	17.5	21.0	42.4	59.5	67.3	73.4	80.4	82.8	78.3	76.9	82.4	
MOUNTAIN:																						
Montana	7.5	10.9	12.9	16.2	17.6	23.1	22.4	19.2	20.0	19.1	17.7	70.2	63.8	71.1	72.8	81.7	92.2	85.3	85.0	82.1	82.6	84.1
Idaho	5.6	17.9	17.0	22.7	23.4	26.7	27.2	23.0	23.0	19.7	20.6	46.1	77.9	62.7	79.2	88.7	94.8	95.1	93.7	85.6	86.2	86.5
Wyoming	4.6	14.0	11.6	15.7	16.9	22.2	24.1	22.4	20.5	19.2	20.6	45.3	77.4	54.5	65.7	81.6	91.6	94.3	97.1	90.6	89.8	95.2
Colorado	9.3	11.4	15.9	21.8	21.1	23.4	23.2	19.7	18.1	18.0	17.1	42.3	60.8	72.2	88.2	90.3	95.0	92.2	87.5	84.1	83.3	83.3
New Mexico	1.4	4.0	11.9	18.8	17.2	22.6	24.1	24.8	24.3	23.8	21.6	4.4	13.3	42.3	61.4	59.3	75.4	80.2	86.7	83.0	86.1	83.2
Arizona	10.4	13.4	13.4	15.4	22.9	23.8	22.0	17.4	17.7	18.4	22.1	53.2	52.7	51.9	62.5	88.0	88.6	84.8	73.0	73.6	76.8	76.8
Utah	18.6	16.9	17.9	26.4	24.6	26.1	27.2	28.4	22.2	21.4	22.1	53.4	50.6	55.3	81.0	84.5	87.2	89.8	91.7	86.9	85.5	80.5
Nevada	7.0	14.5	16.1	15.8	11.1	18.2	19.8	18.7	18.2	15.8	15.6	54.0	79.7	73.8	74.1	75.9	91.5	94.9	100.4	102.8	78.7	83.3
PACIFIC:																						
Washington	18.6	19.7	16.0	22.2	19.0	21.5	22.1	19.0	17.1	16.1	16.8	69.0	72.4	70.7	87.9	86.2	94.1	96.6	98.4	88.6	85.4	88.5
Oregon	21.6	21.5	20.2	21.6	17.6	19.3	21.2	17.3	15.4	14.2	16.7	67.7	73.0	74.8	82.1	80.2	84.1	94.6	90.8	84.4	78.3	86.1
California	15.6	18.4	18.4	18.2	15.5	20.3	18.8	17.1	15.0	15.1	16.6	63.6	73.4	77.4	79.6	79.7	102.5	93.8	95.9	88.4	86.1	93.8
Outlying parts of the United States																						
Alaska	---	---	---	---	---	6.1	5.8	8.6	9.9	---	10.8	---	---	---	---	---	26.8	---	38.4	43.5	50.4	66.7
Canal Zone	---	---	---	---	---	15.3	18.0	12.8	16.0	---	18.9	---	---	---	---	---	8.4	80.2	89.5	97.3	---	---
Hawaii	---	---	---	---	---	16.2	19.5	21.6	18.1	15.9	18.0	---	---	---	---	---	---	64.0	77.0	67.7	73.8	78.3
Puerto Rico	---	---	---	---	---	13.9	14.3	15.2	16.8	17.3	18.5	---	---	---	---	---	---	41.7	47.8	52.7	53.4	58.0
Virgin Islands	---	---	---	---	---	---	13.9	14.2	16.5	16.8	18.5	---	---	---	---	---	---	56.7	55.9	66.2	56.8	62.5

1 Enrollment figures from report by the Bureau of the Census.

2 Included in report of North Dakota.

3 Pupils of legal school age.

4 Includes tourists and migrant students.

Table 14.—Average daily attendance, aggregate days attended, and average membership in full-time public elementary and secondary day schools, by State: 1949-50

[Thousands]

State, by region	Average daily attendance			Aggregate number of days attended			Average membership		
	Total	Elementary	Secondary	Total	Elementary	Secondary	Total	Elementary	Secondary
1	2	3	4	5	6	7	8	9	10
Continental United States	22,284	16,105	6,179	3,964,354	2,877,132	1,087,221			
NEW ENGLAND	1,156	790	366	206,604	140,731	65,873			
Maine.....	145	114	31	26,093	20,500	5,593			
New Hampshire.....	66	44	21	11,585	7,786	3,798	70	47	23
Vermont.....	56	40	16	9,576	6,790	2,786			
Massachusetts.....	560	360	201	99,955	63,764	36,191			
Rhode Island.....	84	54	30	15,077	9,728	5,349	602	388	215
Connecticut.....	245	178	67	44,318	32,163	12,155	90	59	31
							269	195	74
MIDDLE ATLANTIC	3,692	2,555	1,137	673,792	466,510	207,282			
New York.....	1,700	1,244	456	310,423	227,230	83,193			
New Jersey.....	583	412	171	106,257	75,161	31,096	635	451	183
Pennsylvania.....	1,408	899	510	257,112	164,119	92,993	1,504	963	541
EAST NORTH CENTRAL	4,167	2,898	1,269	751,708	540,515	211,193			
Ohio.....	1,110	746	364	197,539	150,097	47,441	1,184	903	281
Indiana.....	589	430	159	102,284	74,637	27,647			
Illinois.....	1,032	772	259	192,499	143,863	48,636			
Michigan.....	987	634	352	177,592	114,185	63,407	1,091	819	272
Wisconsin.....	450	315	134	81,795	57,733	24,061	1,042	678	363
WEST NORTH CENTRAL	2,124	1,536	588	371,552	268,143	103,409			
Minnesota.....	434	280	154	74,461	47,985	26,475			
Iowa.....	418	296	121	74,919	53,126	21,793	475		
Missouri.....	558	427	131	99,944	75,985	23,958			
North Dakota.....	103	79	24	17,899	13,654	4,175	108	83	25
South Dakota.....	106	80	26	18,617	13,985	4,632			
Nebraska.....	204	149	55	36,117	26,270	9,847			
Kansas.....	301	225	76	49,666	37,137	12,528			
SOUTH ATLANTIC	3,605	2,662	943	645,556	476,373	169,183			

Delaware.....	41	26	15	7,437	4,673	2,764	43	27	16
Maryland.....	299	409	100	54,973	36,561	18,411	326	218	109
Virginia.....	537	132	132	96,630	72,813	72,813	580	439	141
West Virginia.....	399	273	126	69,816	47,815	29,001	424	292	132
North Carolina.....	798	636	162	143,511	114,349	29,162	858	686	172
South Carolina.....	414	312	101	73,375	55,139	18,236	---	---	---
Georgia.....	620	486	134	110,333	186,512	123,821	---	---	---
Florida.....	415	274	141	74,740	49,336	25,405	442	292	150
District of Columbia.....	84	53	31	14,741	9,175	5,566	91	57	34
EAST SOUTH CENTRAL.....	2,134	1,637	497	362,807	275,978	86,829	---	---	---
Kentucky.....	484	371	114	82,893	62,938	19,955	541	419	121
Tennessee.....	583	477	106	103,054	84,257	18,797	---	---	---
Alabama.....	595	363	202	104,841	69,188	35,652	---	---	---
Mississippi.....	472	397	75	72,020	59,595	12,424	---	---	---
WEST SOUTH CENTRAL.....	2,326	1,766	560	411,579	312,111	99,468	---	---	---
Arkansas.....	355	236	119	61,752	41,103	20,649	387	260	127
Louisiana.....	421	348	73	75,312	62,228	13,085	458	379	79
Oklahoma.....	394	266	128	72,570	48,969	23,601	---	---	---
Texas.....	1,157	916	241	201,945	159,811	42,134	1,260	1,001	259
MOUNTAIN.....	870	646	224	153,597	114,188	39,408	---	---	---
Montana.....	94	71	23	17,323	13,153	4,171	102	77	25
Idaho.....	111	79	32	19,517	14,041	5,476	113	80	33
Wyoming.....	49	37	12	8,559	6,443	2,116	---	---	---
Colorado.....	201	154	48	35,447	27,051	8,396	216	---	---
New Mexico.....	127	97	24	21,762	17,825	4,233	---	---	---
Arizona.....	127	101	26	21,617	17,148	4,468	135	108	26
Utah.....	142	88	54	24,934	18,387	9,547	132	94	58
Nevada.....	25	20	6	4,436	3,440	997	---	---	---
PACIFIC.....	2,209	1,614	595	387,158	282,583	104,576	---	---	---
Washington.....	357	247	110	62,010	42,606	19,404	---	---	---
Oregon.....	229	164	64	40,967	29,391	11,576	245	176	69
California.....	1,624	1,203	421	284,181	210,585	73,596	---	---	---
Outlying parts of the United States.....	11	6	3	1,879	1,041	525	9	---	---
Alaska.....	8	---	---	1,566	---	---	90	---	---
Canal Zone.....	85	---	---	14,667	---	---	395	---	---
Hawaii.....	369	286	83	70,515	54,577	15,938	---	306	88
Puerto Rico.....	---	---	---	---	---	---	---	---	---

¹ Elementary and secondary break-down estimated on basis of enrollment.

Table 15.—Average daily attendance in full-time public elementary and secondary day schools, for specified years
[Thousands]

State, by region	1870-71	1879-80	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1943-44	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10	11	12
Continental United States-----	4,545	6,144	8,154	10,633	12,827	16,150	21,265	22,042	19,603	20,910	22,284
NEW ENGLAND-----	480	535	577	717	862	1,018	1,315	1,258	1,061	1,089	1,156
Maine-----	100	103	98	98	107	116	138	149	140	140	145
New Hampshire-----	48	49	42	47	50	53	66	67	58	62	66
Vermont-----	44	49	46	47	52	50	58	56	48	53	56
Massachusetts-----	202	233	274	366	444	520	676	680	518	521	560
Rhode Island-----	22	27	34	47	61	73	103	100	81	81	84
Connecticut-----	63	74	84	112	147	205	274	256	217	231	245
MIDDLE ATLANTIC-----	1,148	1,290	1,459	1,920	2,448	3,104	4,190	4,222	3,499	3,543	3,692
New York-----	494	573	643	857	1,123	1,362	1,866	1,920	1,587	1,628	1,700
New Jersey-----	87	115	133	208	324	476	663	635	540	554	583
Pennsylvania-----	567	602	683	855	1,001	1,266	1,661	1,668	1,372	1,361	1,408
EAST NORTH CENTRAL-----	1,394	1,626	1,912	2,449	2,612	3,112	4,260	4,154	3,785	3,929	4,167
Ohio-----	432	426	549	616	649	809	1,141	1,122	1,001	1,046	1,110
Indiana-----	295	322	342	430	421	457	596	590	569	553	589
Illinois-----	342	432	538	738	779	956	1,204	1,093	951	989	1,032
Michigan-----	193	1240	1,282	355	443	521	845	862	831	897	987
Wisconsin-----	132	156	200	1310	320	369	473	487	433	444	450
WEST NORTH CENTRAL-----	518	826	1,276	1,632	1,852	2,101	2,410	2,309	1,983	2,026	2,124
Minnesota-----	51	178	127	243	348	395	457	454	388	414	434
Iowa-----	212	260	306	373	360	406	465	437	383	402	418
Missouri-----	187	1281	385	460	490	531	576	599	531	532	558
North Dakota-----	1	19	21	44	90	128	149	125	100	101	103
South Dakota-----	(3)	(3)	48	168	80	99	139	120	98	101	106
Nebraska-----	14	60	146	182	191	233	259	243	200	200	204
Kansas-----	53	138	243	262	291	310	365	331	283	276	301
SOUTH ATLANTIC-----	368	777	1,127	1,344	1,688	2,301	2,969	3,370	3,131	3,343	3,605
Delaware-----	13	17	20	25	23	27	36	39	36	38	41
Maryland-----	56	86	102	134	146	175	236	257	246	266	299
Virginia-----	77	128	198	216	259	351	453	494	458	497	537
West Virginia-----	51	92	122	151	190	256	350	412	360	380	399
North Carolina-----	73	170	203	207	331	474	673	790	728	751	798

See footnotes at end of table.

South Carolina.....	45	191	148	201	244	331	348	385	364	375	414
Georgia.....	31	145	241	298	346	467	538	584	547	582	620
Florida.....	11	27	65	75	104	166	267	327	313	370	415
District of Columbia.....	10	21	28	35	45	53	68	83	78	85	84
EAST SOUTH CENTRAL.....	408	661	939	1,171	1,207	1,428	1,825	2,071	1,878	2,011	2,134
Kentucky.....	121	178	226	310	315	434	433	493	414	455	484
Tennessee.....	89	138	324	339	364	458	482	537	492	548	583
Alabama.....	108	118	182	298	267	368	474	567	527	552	595
Mississippi.....	90	157	208	225	261	426	436	474	445	456	472
WEST SOUTH CENTRAL.....	128	242	528	844	1,261	1,684	2,224	2,373	2,074	2,200	2,326
Arkansas.....	47	155	149	195	255	326	331	373	320	344	355
Louisiana.....	40	155	88	146	183	256	350	398	361	381	421
Oklahoma.....	41	132	292	439	279	356	470	485	386	400	394
Texas.....	41	132	292	439	545	746	1,074	1,116	1,006	1,075	1,157
MOUNTAIN.....	20	50	107	219	351	574	730	787	699	798	870
Montana.....	1	13	11	126	41	92	105	98	78	87	94
Idaho.....	1	4	110	22	51	85	98	106	91	103	111
Wyoming.....	(6)	2	15	110	17	33	48	47	40	48	49
Colorado.....	3	13	39	73	108	150	191	199	168	185	201
New Mexico.....	1	3	113	22	27	59	76	106	93	108	121
Arizona.....	3	3	5	10	20	46	76	88	87	112	121
Utah.....	13	17	21	51	69	98	121	124	122	133	142
Nevada.....	2	5	5	5	17	11	15	18	19	23	25
PACIFIC.....	83	139	227	337	546	829	1,342	1,498	1,493	1,971	2,209
Washington.....	3	11	37	75	156	211	279	275	279	324	357
Oregon.....	15	27	43	64	104	137	155	166	167	206	229
California.....	64	101	147	197	287	481	909	1,057	1,047	1,441	1,624
Outlying parts of the United States.....											
Alaska.....	---	---	---	---	---	---	---	---	---	---	---
Canal Zone.....	---	---	---	---	---	---	---	---	---	---	---
Guam.....	---	---	---	---	---	---	---	---	---	---	---
Hawaii.....	---	---	---	---	---	---	---	---	---	---	---
Puerto Rico.....	---	---	---	---	---	---	---	---	---	---	---
Virgin Islands.....	---	---	---	---	---	---	---	---	---	---	---
						3	3	5	5	8	11
						3	6	6	6	7	8
						---	---	---	---	---	---
						38	69	88	76	79	85
						145	193	255	277	338	369
						---	3	---	3	---	5

⁴ Statistics, 1918-19.⁵ Fewer than 500.¹ Approximate.² High-school attendance not reported.³ Included with North Dakota.

Table 16.—Average length of term, and school attendance in full-time public elementary and secondary day schools, by State, for specified years

State, by region	Average number of days schools were in session					Average number of days attended by each pupil enrolled, 1949-50	Percent of pupils enrolled attending daily
	1929-30	1939-40	1949-50				
			Total	Elementary	Secondary		
1	2	3	4	5	6	7	8
Continental United States-----	172.7	175.0	177.9	178.6	176.0	157.9	88.7
NEW ENGLAND-----			178.7	178.2	179.9	159.8	89.4
Maine-----	179.0	177.7	180.0	180.0	180.0	164.9	91.5
New Hampshire-----	179.0	176.2	176.5	176.3	176.8	161.5	91.5
Vermont-----	172.1	179.2	170.1	169.0	173.0	156.6	92.0
Massachusetts-----	183.3	179.7	178.4	177.3	180.4	158.1	88.6
Rhode Island-----	175.3	180.0	180.0	180.0	180.0	156.6	87.0
Connecticut-----	183.7	183.1	180.7	180.7	180.8	162.3	89.8
MIDDLE ATLANTIC-----			182.5	182.6	182.4	159.5	87.4
New York-----	187.5	184.3	182.6	182.6	182.4	155.4	85.1
New Jersey-----	188.4	185.2	182.2	182.2	182.3	157.4	86.4
Pennsylvania-----	181.2	181.6	182.6	182.6	182.4	165.8	90.8
EAST NORTH CENTRAL-----			180.4	186.5	166.5	163.1	90.4
Ohio-----	179.2	180.5	178.0	175.0	180.0	164.2	92.3
Indiana-----	173.4	170.0	173.7	173.5	174.2	148.3	85.4
Illinois-----	188.4	186.4	186.6	186.3	187.5	166.9	89.4
Michigan-----	185.6	183.0	180.0	180.0	180.0	166.1	92.3
Wisconsin-----	179.2	180.3	181.9	183.2	179.0	165.6	91.0
WEST NORTH CENTRAL-----			174.9	174.6	175.7	154.1	88.1
Minnesota-----	180.1	172.8	171.5	170.1	171.8	154.6	90.2
Iowa-----	175.9	176.6	179.3	179.2	171.1	156.8	87.5
Missouri-----	180.5	179.1	179.1	178.1	182.2	155.1	86.6
North Dakota-----	165.7	172.7	172.7	172.7	172.7	155.5	90.0
South Dakota-----	178.5	174.9	175.0	175.0	175.0	158.2	90.4
Nebraska-----	175.2	176.0	177.4	176.8	179.1	158.5	89.3
Kansas-----	169.8	172.4	165.1	165.1	165.1	142.9	86.5
SOUTH ATLANTIC-----			179.1	178.9	179.5	159.0	88.8
Delaware-----	183.0	182.1	181.9	181.8	182.2	161.5	88.7
Maryland-----	186.1	187.6	184.1	184.1	184.2	164.1	89.1
Virginia-----	164.1	180.2	180.0	180.0	180.0	161.6	89.8
West Virginia-----	165.7	176.1	175.0	174.9	175.2	159.2	91.0
North Carolina-----	154.3	164.3	179.9	179.9	179.9	162.2	90.2
South Carolina-----	147.0	163.0	177.4	176.7	179.7	148.5	83.7
Georgia-----	148.0	162.2	178.0	178.0	177.9	153.7	86.3
Florida-----	154.4	167.5	180.0	180.0	180.0	166.2	92.2
District of Columbia-----	173.6	178.8	176.0	175.2	177.7	153.0	86.9
EAST SOUTH CENTRAL-----			170.0	168.6	174.8	149.3	87.8
Kentucky-----	165.0	159.1	171.2	169.9	175.8	147.3	86.0
Tennessee-----	163.2	166.3	176.7	176.7	176.7	156.2	88.4
Alabama-----	150.0	153.5	176.3	176.3	174.4	154.2	87.4
Mississippi-----	133.4	145.7	172.5	150.0	166.0	136.5	89.5
WEST SOUTH CENTRAL-----			176.9	176.7	177.5	153.2	86.6
Arkansas-----	149.4	158.6	173.9	173.9	174.0	151.7	87.2
Louisiana-----	151.0	169.0	179.0	179.0	174.0	155.8	87.0
Oklahoma-----	173.3	175.6	184.2	184.2	184.2	164.5	89.3
Texas-----	146.0	171.9	174.6	174.0	175.2	149.1	85.4

See footnote at end of table.

Table 16.—Average length of term, and school attendance in full-time public elementary and secondary day schools, by State, for specified years—Continued

State, by region	Average number of days schools were in session					Average number of days attended by each pupil enrolled, 1949-50	Percent of pupils enrolled attending daily
	1929-30	1939-40	1949-50				
			Total	Elementary	Secondary		
1	2	3	4	5	6	7	8
MOUNTAIN-----			176.5	176.6	176.0	156.1	88.5
Montana-----	173.5	171.8	183.5	184.2	181.3	163.5	89.1
Idaho-----	162.6	174.5	175.8	177.6	171.3	159.6	90.8
Wyoming-----	161.3	176.7	175.0	175.4	173.7	143.7	82.1
Colorado-----	180.0	171.9	176.1	176.0	176.6	154.7	87.8
New Mexico-----	172.2	175.0	180.0	180.0	180.0	146.1	81.2
Arizona-----	175.1	168.9	170.9	170.0	174.2	155.2	90.9
Utah-----	172.5	174.8	175.3	175.3	175.2	162.3	92.6
Nevada-----	178.9	174.1	176.6	176.1	178.6	176.4	99.9
PACIFIC-----			175.2	175.1	175.8	160.4	91.5
Washington-----	179.4	178.7	173.8	172.8	176.1	154.7	89.0
Oregon-----	182.9	174.3	179.2	178.9	180.0	160.6	89.6
California-----	178.3	176.6	175.0	175.0	175.0	161.7	92.4
Outlying parts of the United States							
Alaska-----	176.2	186.4	175.0			135.1	77.2
Canal Zone-----	207.6	204.2	187.3	187.1	187.7	164.4	87.8
Guam-----	203.0	189.0					
Hawaii-----	169.0	180.0	171.7			163.3	95.1
Puerto Rico-----	191.2	192.0	191.0	191.0	191.0	172.1	90.1
Virgin Islands-----	190.0		180.9	181.0	180.5	169.8	93.9

¹ Statistics, 1947-48.

Table 17.—Number of schools, elementary and secondary; number, enrollment, and percent of teachers in 1-teacher schools; and number of and enrollment in 2- and 3-teacher schools: 1949-50

State, by region	Number of schools			1-teacher, 1-room schools			2-teacher schools		3-teacher schools	
	Total	Elementary	Secondary	Number of schools (in-cluded with elementary)	Total enrollment	Percent of teachers in 1-room schools	Number	Total enrollment	Number	Total enrollment
1	2	3	4	5	6	7	8	9	10	11
Continental United States	152,767	128,225	24,542	59,652		6.5				
NEW ENGLAND	6,462	5,399	1,063	1,413		2.8				
Maine	1,634	1,432	202	638	2,001	10.1				
New Hampshire	431	99	107	330	9,516	3.5	81	4,006	40	3,057
Vermont	885	801	84	506		21.0	110	4,992	65	
Massachusetts	2,209	1,731	478	102		4	151		15	
Rhode Island	368	304	64	24		6	25			
Connecticut	825	697	128	44		4	73			
MIDDLE ATLANTIC	16,367	13,965	2,402	3,393		2.1	1,196		362	
New York	6,936	5,927	1,009	1,121	22,420	1.4	218	9,811	98	7,350
New Jersey	1,796	1,528	268	58	1,907	4.0	157	3,960	36	3,404
Pennsylvania	7,635	6,510	1,125	2,214			821		228	
EAST NORTH CENTRAL	22,955	18,784	4,171	9,749		5.7				
Ohio	4,273	3,074	1,199	341	8,691	.8	239	14,001		
Indiana	3,102	2,271	831	1,375		1.6				
Illinois	4,412	3,470	942	2,370	39,438	5.0				
Michigan	4,666	3,969	697	2,707	64,691	7.3	320	17,308	128	11,004
Wisconsin	6,502	6,000	502	3,956	81,178	19.0	403		132	
WEST NORTH CENTRAL	36,919	32,697	4,222	24,600		23.6				
Minnesota	5,688	5,122	566	3,948	69,443	20.2	241	11,131	84	6,243
Iowa	7,350	6,373	977	4,173	58,760	19.6	142	6,970	50	
Missouri	7,053	6,302	751	3,788		16.8	370		126	
North Dakota	3,278	2,871	407	2,641	28,063	40.4				
South Dakota	3,680	3,391	289	3,065	33,693	43.0				
Nebraska	5,412	4,860	552	4,289	43,679	35.9	88	3,549	17	1,283
Kansas	4,458	3,778	680	2,696	32,345	18.0	378	11,824	145	7,908
SOUTH ATLANTIC	22,475	18,580	3,895	6,492		4.8	3,650		1,880	
Delaware	194	142	52	45	1,207	2.4	16	911	7	589

See footnotes at end of table.

Maryland-----	1,070	858	212	127	3,317	1.1	184	10,628	62	6,364
Virginia-----	3,345	2,812	533	985	---	5.2	623	---	226	---
West Virginia-----	4,306	4,022	374	2,390	51,688	16.9	593	33,249	525	59,846
North Carolina-----	3,804	3,832	445	363	---	1.3	481	---	296	---
South Carolina-----	3,683	3,238	442	917	23,057	5.5	952	49,262	389	34,734
Georgia-----	3,941	3,133	808	1,390	49,833	5.7	628	42,206	22	22,488
Florida-----	1,883	1,401	482	275	6,935	1.6	173	9,182	125	10,044
District of Columbia-----	159	122	37	---	---	---	---	---	---	---
EAST SOUTH CENTRAL-----	18,794	16,346	2,448	7,466	---	9.6	3,432	---	---	---
Kentucky-----	5,217	4,678	539	3,127	---	17.3	804	---	202	---
Tennessee-----	4,837	4,349	488	1,747	---	7.9	1,095	---	---	---
Alabama-----	3,961	3,221	740	814	---	3.8	670	---	373	---
Mississippi-----	4,779	4,098	681	1,778	---	11.4	863	---	291	---
WEST SOUTH CENTRAL-----	14,894	11,111	3,783	2,984	77,602	3.1	1,910	98,412	738	65,719
Arkansas-----	2,566	1,983	583	682	23,390	5.3	374	26,215	214	23,000
Louisiana-----	2,102	1,561	541	536	16,311	3.4	388	23,240	191	18,026
Oklahoma-----	2,844	1,846	998	1,188	26,247	7.5	637	27,948	121	9,203
Texas-----	7,382	5,721	1,661	578	11,654	1.1	511	21,009	232	15,490
MOUNTAIN-----	6,776	5,602	1,174	2,564	---	6.9	---	---	---	---
Montana-----	1,427	1,221	206	896	8,281	19.5	98	3,619	33	1,740
Idaho-----	820	653	167	191	---	4.3	---	---	---	---
Wyoming-----	1,701	600	101	401	---	15.7	56	---	---	---
Colorado-----	1,758	1,471	287	634	6,389	6.9	242	6,435	---	---
New Mexico-----	822	1,675	147	222	---	4.5	---	---	---	---
Arizona-----	534	449	85	94	1,879	1.8	44	1,975	25	1,989
Utah-----	507	367	140	31	476	6.6	60	2,238	50	2,729
Nevada-----	207	166	41	95	986	8.2	24	1,047	13	747
PACIFIC-----	7,125	5,741	1,384	991	---	1.2	640	---	362	---
Washington-----	1,534	1,167	367	121	1,975	.8	61	2,655	40	3,219
Oregon-----	1,354	1,083	271	252	---	2.5	186	---	85	---
California-----	4,237	3,491	746	3,618	---	1.1	393	---	3,237	---
Outlying parts of the United States-----	---	---	---	---	---	---	---	---	---	---
Alaska-----	87	56	31	44	660	8.3	10	353	2	67
American Samoa-----	49	45	4	14	400	8.6	14	799	10	944
Canal Zone-----	27	16	11	1	30	.3	---	---	---	---
Hawaii-----	159	134	25	12	230	.4	15	579	14	998
Puerto Rico-----	2,066	1,739	327	950	58,064	10.6	323	38,517	116	23,686
Virgin Islands-----	25	23	2	---	---	---	---	---	---	---

1 Statistics, 1947-48. 2 Statistics, 1946-47. 3 Statistics, 1948-49.

Table 13.—Number of pupils transported, number of vehicles, and expenditures for transportation, by State: 1949-50

State, by region	Enrolled pupils transported		Number of vehicles operated at public expense	Expenditure of public funds for transportation (excluding capital outlay)	Average cost per pupil transported	Percent transportation is of total current expense
	Number	Percent				
1	2	3	4	5	6	7
Continental United States	6,947,384	27.7	116,197	214,503,541	30.88	4.6
NEW ENGLAND	258,024	20.0	5,477	9,952,062	38.54	3.8
Maine.....	54,739	34.6	1,293	1,885,324	34.44	8.3
New Hampshire.....	22,851	31.8	750	1,065,114	46.61	7.7
Vermont.....	14,877	24.3	795	819,846	55.10	7.5
Massachusetts.....	88,008	13.9	1,384	3,275,414	37.22	2.5
Rhode Island.....	10,000	10.4	140	484,455	48.45	2.4
Connecticut.....	67,549	24.7	1,115	2,421,909	35.85	3.9
MIDDLE ATLANTIC	775,486	18.4	13,051	30,403,486	39.21	3.1
New York.....	301,766	15.1	5,868	13,725,070	45.48	2.7
New Jersey.....	126,804	18.8	1,869	4,346,510	34.28	2.6
Pennsylvania.....	346,916	22.4	5,314	12,331,906	35.55	4.0
EAST NORTH CENTRAL	1,102,032	23.9	22,793	42,668,578	38.72	4.4
Ohio.....	379,846	31.6	6,793	9,696,005	25.53	4.3
Indiana.....	259,769	37.7	5,248	8,664,218	33.35	6.2
Illinois.....	169,970	14.7	4,400	9,227,071	54.29	3.3
Michigan.....	212,447	19.9	3,452	9,484,001	44.64	4.4
Wisconsin.....	80,000	16.2	2,900	5,597,283	69.97	5.4
WEST NORTH CENTRAL	502,435	20.8	12,225	27,680,773	55.09	6.1
Minnesota.....	135,450	28.1	3,179	9,201,490	67.93	8.7
Iowa.....	151,951	31.8	3,405	6,655,347	43.80	6.9
Missouri.....	112,758	17.5	2,766	4,854,044	43.05	5.0
North Dakota.....	17,979	15.7	93	1,143,169	63.58	4.9
South Dakota.....	5,320	4.5	266	899,874	169.15	3.7
Nebraska.....	130,000	13.2	419	1,186,426	39.55	2.7
Kansas.....	48,977	14.1	2,097	3,740,423	76.37	5.7
SOUTH ATLANTIC	1,524,395	37.5	19,265	30,449,829	19.97	5.5
Delaware.....	14,036	30.5	261	447,706	31.90	4.2
Maryland.....	116,259	34.7	1,402	3,108,863	26.74	4.9
Virginia.....	1279,596	46.8	2,852	5,141,970	18.39	5.6
West Virginia.....	175,212	40.0	1,422	3,367,166	19.22	5.6
North Carolina.....	405,115	45.8	5,846	6,110,740	15.08	5.0
South Carolina.....	130,429	26.4	2,206	3,047,976	23.37	6.0
Georgia.....	243,754	33.9	3,303	6,071,185	24.91	7.9
Florida.....	159,849	35.5	1,963	3,131,275	19.59	4.1
District of Columbia.....	145	.2	10	22,948	158.26	.1
EAST SOUTH CENTRAL	942,555	38.8	13,135	18,594,983	19.73	7.6
Kentucky.....	189,096	33.6	2,330	4,016,276	21.24	6.8
Tennessee.....	252,443	38.3	2,783	5,136,003	20.35	6.7
Alabama.....	291,595	42.9	3,882	4,905,850	16.82	7.0
Mississippi.....	209,421	39.7	4,140	4,536,854	21.66	12.0
WEST SOUTH CENTRAL	1,002,712	37.3	16,312	24,674,668	24.61	5.4
Arkansas.....	193,353	47.5	2,837	3,694,056	19.10	9.3
Louisiana.....	254,545	52.7	3,171	6,280,577	24.67	7.0
Oklahoma.....	143,000	32.4	3,267	3,617,932	25.30	4.4
Texas.....	411,814	30.4	7,037	11,082,103	26.91	4.6

Table 18.—Number of pupils transported, number of vehicles, and expenditures for transportation, by State: 1949-50—Continued

State, by region	Enrolled pupils transported		Number of vehicles operated at public expense	Expenditure of public funds for transportation (excluding capital outlay)	Average cost per pupil transported	Percent transportation is of total current expense
	Number	Percent				
1	2	3	4	5	6	7
MOUNTAIN.....	255,904	26.0	5,793	11,125,096	43.47	5.8
Montana.....	26,071	24.6	653	2,082,927	79.89	8.2
Idaho.....	48,031	39.3	806	1,912,960	39.83	9.3
Wyoming.....	15,090	25.3	650	1,014,021	67.20	7.9
Colorado.....	42,088	18.4	1,761	1,865,223	44.32	4.2
New Mexico.....	34,186	22.9	990	2,095,036	61.28	7.7
Arizona.....	43,844	31.5	378	891,698	20.34	2.9
Utah.....	42,329	27.5	443	1,011,950	23.91	3.9
Nevada.....	4,265	17.0	112	251,281	58.92	4.1
PACIFIC.....	583,841	24.2	8,146	18,954,066	32.46	3.3
Washington.....	146,971	36.7	2,175	4,227,085	28.76	4.7
Oregon.....	106,870	41.9	1,368	3,506,180	32.81	5.5
California.....	330,000	18.8	4,603	11,220,801	34.00	2.6
Outlying parts of the United States						
Alaska.....			39	179,030		5.3
Canal Zone.....	72	.8	3	15,155	210.49	.9
Hawaii.....				128,110		.7
Puerto Rico.....	2,467	.6	46	44,494	18.03	.2

¹ Estimated.

Table 19.—Number of ultimate or basic administrative units and number of teaching positions, by State: 1949-50

State, by region	Total units	Number of teaching positions														100 to 149	150 to 199	200 or more
		None	1	2	3	4	5 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 99	100 to 149	150 to 199	200 or more			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
	50,188	10,471	20,534	3,093	1,686	1,396	3,455	3,807	1,636	975	591	1,285	476	270	513			
	1,067	17	42	86	83	66	212	201	91	52	37	87	31	20	42			
	New Hampshire	240	10	17	43	30	18	47	42	15	4	3	6	2	2	1		
	Vermont	265	5	14	26	30	25	84	52	16	3	2	7	1	10	24		
35 States and the District of Columbia	351	1	11	13	14	14	47	71	40	25	19	41	21	2	5	12		
	Rhode Island	39	2	4	2	4	2	32	30	16	9	23	7	6	12	24		
	Connecticut	172	1	4	9	9	7	32	30	16	9	23	7	6	12	24		
	MIDDLE ATLANTIC	7,012	1,661	1,246	393	277	254	686	838	511	353	203	388	94	27	81		
	New York	3,929	1,507	1,121	218	98	59	115	240	210	131	70	103	26	6	25		
EAST NORTH CENTRAL	559	32	4	13	22	18	83	126	62	35	28	65	29	7	35	25		
	Pennsylvania	2,524	122	121	162	157	177	488	472	239	187	105	220	39	14	21		
	6,427	967	2,748	396	193	174	427	793	287	126	84	141	33	15	43	21		
	Ohio	1,509	12	41	76	65	97	269	548	151	77	47	80	15	8	23		
	Michigan	4,918	955	2,707	320	128	77	158	245	136	49	37	61	18	7	20		
WEST NORTH CENTRAL	25,415	7,090	14,464	987	465	380	871	640	222	96	52	88	30	12	18	18		
	Minnesota	7,116	2,519	3,737	233	80	50	83	233	82	28	17	37	7	6	4		
	Missouri	6,273	1,542	3,788	185	42	41	247	232	92	40	19	25	9	3	8		
	Nebraska	6,769	1,874	4,243	129	44	64	245	117	23	12	4	8	3	1	2		
	Kansas	5,257	1,155	2,696	440	299	225	296	58	25	16	12	18	11	2	4		
SOUTH ATLANTIC	2,208	149	170	206	169	175	331	219	63	55	57	219	137	98	160	160		
	Delaware	17	1	1	1	1	1	1	1	1	1	1	1	1	1	2		
	Maryland	24	1	1	1	1	1	1	1	1	1	1	1	1	1	11		
	Virginia	127	1	1	1	1	1	1	1	1	1	1	1	1	1	4		
	West Virginia	55	1	1	1	1	1	1	1	1	1	1	1	1	1	38		
North Carolina	172	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6		
	South Carolina	1,559	149	170	206	169	175	331	215	52	31	17	43	29	30	13		
																45		

[illegible]

Table 20.—Current expenditure for administration (general control) by each taxing unit (State, county, and local) and lunch program statistics, by State: 1949-50

State, by region	Expenditures for administration (in thousands of dollars)				School lunch program		
	Total	State	County	Local	Number of schools serving lunches	Average number of pupils served per day	Peak number served anytime during year
1	2	3	4	5	6	7	8
Continental United States	220,050	34,927	27,402	157,722	43,821	5,911,221	6,799,824
NEW ENGLAND	10,503	2,093	-----	8,410	2,438	301,106	341,998
Maine.....	990	526	-----	464	515	28,373	37,215
New Hampshire.....	805	157	-----	648	322	22,739	27,207
Vermont.....	600	155	-----	445	308	25,450	26,382
Massachusetts.....	5,041	283	-----	4,757	875	143,850	145,015
Rhode Island.....	727	107	-----	620	79	45,540	65,520
Connecticut.....	2,342	866	-----	1,476	339	35,154	40,659
MIDDLE ATLANTIC	44,040	7,636	1,217	35,187	3,716	543,802	656,434
New York.....	19,553	5,790	-----	13,763	2,300	306,862	328,196
New Jersey.....	8,483	825	510	7,148	500	55,612	56,678
Pennsylvania.....	16,004	1,021	707	14,276	916	181,328	271,560
EAST NORTH CENTRAL	37,942	2,994	5,584	29,364	6,757	963,953	1,060,386
Ohio.....	8,127	635	1,313	6,178	1,318	229,889	242,854
Indiana.....	3,553	242	970	2,341	1,272	97,595	113,127
Illinois.....	11,944	1,142	1,472	9,331	1,959	429,199	467,738
Michigan.....	10,122	541	874	8,706	1,040	135,070	153,637
Wisconsin.....	4,196	433	955	2,808	1,168	72,200	83,030
WEST NORTH CENTRAL	22,038	1,837	2,856	17,345	5,213	612,258	697,245
Minnesota.....	5,420	417	495	4,508	1,040	165,843	202,197
Iowa.....	5,241	534	693	4,015	799	139,380	159,248
Missouri.....	4,772	278	694	3,800	1,576	190,932	194,125
North Dakota.....	587	75	-----	512	619	22,403	31,200
South Dakota.....	1,354	62	370	921	182	10,101	13,903
Nebraska.....	2,455	274	206	1,975	260	15,280	23,027
Kansas.....	2,209	197	397	1,615	737	68,319	73,545
SOUTH ATLANTIC	19,824	5,218	3,467	11,139	7,954	1,197,734	1,503,478
Delaware.....	995	404	-----	591	95	12,250	14,101
Maryland.....	2,458	523	-----	1,935	467	90,993	94,884
Virginia.....	2,737	1,217	1,000	519	1,131	227,241	240,000
West Virginia.....	2,155	408	1,748	-----	1,535	109,139	110,100
North Carolina.....	3,251	726	-----	2,524	1,522	313,500	319,100
South Carolina.....	2,606	487	719	1,400	1,554	184,000	187,498
Georgia.....	2,845	905	-----	1,940	1,495	242,665	518,269
Florida.....	2,259	547	-----	1,713	123	14,146	15,261
District of Columbia.....	517	-----	-----	517	32	3,800	4,265
EAST SOUTH CENTRAL	9,446	1,825	739	6,882	5,727	742,419	836,435
Kentucky.....	3,019	357	-----	2,662	1,141	124,122	181,890
Tennessee.....	3,050	646	-----	2,404	1,946	214,565	221,786
Alabama.....	1,867	460	-----	1,407	1,511	260,392	273,767
Mississippi.....	1,509	362	739	409	1,129	143,340	158,992
WEST SOUTH CENTRAL	28,857	5,031	2,840	20,986	6,440	909,968	988,243
Arkansas.....	2,995	418	470	2,107	946	134,216	143,700
Louisiana.....	3,834	1,471	-----	2,364	1,529	332,216	350,000
Oklahoma.....	5,197	393	400	4,405	1,610	126,000	131,000
Texas.....	16,831	2,750	1,971	12,109	2,355	317,536	363,543

Table 20.—Current expenditure for administration (general control) by each taxing unit (State, county, and local) and lunch program statistics, by State: 1949-50—Continued

State, by region	Expenditures for administration (in thousands of dollars)				School lunch program		
	Total	State	County	Local	Number of schools serving lunches	Average number of pupils served per day	Peak number served anytime during year
1	2	3	4	5	6	7	8
MOUNTAIN -----	10,582	1,473	957	8,152	2,012	215,808	262,910
Montana-----	1,895	295	293	1,307	383	21,685	23,583
Idaho-----	1,231	257	160	814	272	32,897	38,194
Wyoming-----	921	132	118	671	94	14,459	14,996
Colorado-----	2,247	283	225	1,739	425	22,000	42,349
New Mexico-----	1,345	63	-----	1,282	246	27,176	38,491
Arizona-----	1,587	163	161	1,263	219	45,590	48,000
Utah-----	1,015	166	-----	849	316	47,000	52,000
Nevada-----	341	114	-----	227	57	5,001	5,297
PACIFIC -----	36,818	6,819	9,742	20,257	3,564	424,173	452,695
Washington-----	3,989	487	379	3,123	839	125,290	133,753
Oregon-----	2,505	349	200	1,956	520	63,000	68,008
California-----	30,325	5,983	9,164	15,179	2,205	235,883	250,934
Outlying parts of the United States							
Alaska-----	156	62	-----	94	7	1,282	-----
Canal Zone-----	67	67	-----	-----	1	400	450
Hawaii-----	486	486	-----	-----	149	56,500	58,968
Puerto Rico-----	1,353	1,353	-----	-----	1,506	180,961	197,367

Table 21.—Balance on hand from school year 1948-49, and receipts from permanent school funds and leases of school lands, by State: 1949-50

State, by region	Balance on hand from school year, 1948-49	RECEIPTS FROM PERMANENT SCHOOL FUNDS AND LEASES OF SCHOOL LANDS					
		Total (thousands of dollars)	Receipts (thousands of dollars) from—		Source of receipts (thousands of dollars) from—		
			Perma- nent funds	Leases of school lands	State	County	Local
1	2	3	4	5	6	7	8
Continental United States	1,314,833	35,019	27,068	7,950	29,798	2,577	2,644
NEW ENGLAND	7,676	1,063	868	195	846	-----	217
Maine.....	907	298	103	195	81	-----	217
New Hampshire.....	1,720	275	275	-----	275	-----	-----
Vermont.....	325	57	57	-----	57	-----	-----
Massachusetts.....	-----	238	238	-----	238	-----	-----
Rhode Island.....	4,723	45	45	(?)	45	-----	-----
Connecticut.....	-----	151	151	-----	151	-----	-----
MIDDLE ATLANTIC	173,813	1,011	1,011	-----	1,011	-----	-----
New York.....	92,531	460	460	-----	460	-----	-----
New Jersey.....	34,965	469	469	-----	469	-----	-----
Pennsylvania.....	46,317	82	82	-----	82	-----	-----
EAST NORTH CENTRAL	310,375	3,054	989	2,065	1,457	-----	1,598
Ohio.....	115,397	216	216	-----	216	-----	-----
Indiana.....	-----	716	716	-----	716	-----	-----
Illinois.....	102,180	1,655	57	1,598	57	-----	1,598
Michigan.....	50,240	459	-----	459	459	-----	-----
Wisconsin.....	42,557	9	-----	9	9	-----	-----
WEST NORTH CENTRAL	166,521	8,806	7,557	1,249	7,825	981	-----
Minnesota.....	31,728	3,674	3,674	-----	3,674	-----	-----
Iowa.....	38,993	126	126	-----	126	-----	-----
Missouri.....	46,110	981	381	600	-----	981	-----
North Dakota.....	11,875	1,258	609	649	1,258	-----	-----
South Dakota.....	12,412	1,011	1,011	-----	1,011	-----	-----
Nebraska.....	10,728	1,258	1,258	-----	1,258	-----	-----
Kansas.....	14,676	498	498	-----	498	-----	-----
SOUTH ATLANTIC	91,534	595	595	-----	595	-----	-----
Delaware.....	3,015	95	95	-----	95	-----	-----
Maryland.....	-----	-----	-----	-----	-----	-----	-----
Virginia.....	16,181	-----	-----	-----	-----	-----	-----
West Virginia.....	5,346	-----	-----	-----	-----	-----	-----
North Carolina.....	15,791	-----	-----	-----	-----	-----	-----
South Carolina.....	8,127	-----	-----	-----	-----	-----	-----
Georgia.....	16,455	-----	-----	-----	-----	-----	-----
Florida.....	21,015	500	500	-----	500	-----	-----
District of Columbia.....	5,605	-----	-----	-----	-----	-----	-----
EAST SOUTH CENTRAL	32,718	577	577	880	577	-----	-----
Kentucky.....	5,392	139	139	-----	139	-----	-----
Tennessee.....	17,206	151	151	-----	151	-----	-----
Alabama.....	10,121	225	225	880	225	-----	-----
Mississippi.....	-----	62	62	-----	62	-----	-----

See footnotes at end of table.

Table 21.—Balance on hand from school year 1948-49, and receipts from permanent school funds and leases of school lands, by State: 1949-50—Con.

State, by region	Balance on hand from school year, 1948-49	RECEIPTS FROM PERMANENT SCHOOL FUNDS AND LEASES OF SCHOOL LANDS					
		Total (thousands of dollars)	Receipts (thousands of dollars) from—		Source of receipts (thousands of dollars) from—		
			Permanent funds	Leases of school lands	State	County	Local
1	2	3	4	5	6	7	8
WEST SOUTH CENTRAL.....	87,469	7,868	6,614	1,254	5,443	1,596	829
Arkansas.....	2,606						
Louisiana.....	23,543	1,213		1,213		1,213	
Oklahoma.....	5,412	1,528	1,528		1,311	217	
Texas.....	55,907	5,127	5,086	41	4,132	166	829
MOUNTAIN.....	93,329	9,553	6,835	2,717	9,553		
Montana.....	14,069	1,548	432	1,116	1,548		
Idaho.....	5,693	731	484	246	731		
Wyoming.....	3,807	3,285	2,000	1,285	3,285		
Colorado.....	42,456	921	921		921		
New Mexico.....	9,899	2,200	2,200		2,200		
Arizona.....	11,525	487	487		487		
Utah.....	2,060	280	210	70	280		
Nevada.....	3,819	101	101		101		
PACIFIC.....	351,397	2,490	2,022	469	2,490		
Washington.....	40,473	1,679	1,230	449	1,679		
Oregon.....	15,246	228	228		228		
California.....	295,678	583	564	20	583		

¹ Estimated.

² Less than \$500.

Table 22.—Income from appropriation and taxation, by State: 1949-50

[Thousands of dollars]

State, by region	Total	Taxing unit		
		State ¹	County ²	Local
1	2	3	4	5
Continental United States..	5,023,325	2,122,763	305,569	2,594,993
NEW ENGLAND.....	262,187	57,034		205,153
Maine.....	24,599	7,038		17,561
New Hampshire.....	14,280	672		13,608
Vermont.....	11,129	3,173		7,956
Massachusetts.....	127,841	26,512		101,329
Rhode Island.....	21,564	4,458		17,105
Connecticut.....	62,775	15,181		47,594
MIDDLE ATLANTIC.....	1,055,111	388,797	1,857	664,457
New York.....	573,049	237,436		335,613
New Jersey.....	178,589	34,165	1,857	142,567
Pennsylvania.....	303,473	117,196		186,277
EAST NORTH CENTRAL.....	1,054,503	356,842	15,602	682,060
Ohio.....	236,682	81,708	481	154,493
Indiana.....	144,950	55,768		89,182
Illinois.....	303,824	58,091	250	245,483
Michigan.....	254,435	140,328	538	113,570
Wisconsin.....	114,613	20,947	14,334	79,332
WEST NORTH CENTRAL.....	453,229	124,329	34,228	294,672
Minnesota.....	102,486	37,407	8,123	56,957
Iowa.....	91,298	18,146	738	72,414
Missouri.....	99,272	40,687	5,195	53,389
North Dakota.....	20,247	4,883	4,145	11,219
South Dakota.....	21,460	1,817	370	19,273
Nebraska.....	39,029	1,239	207	37,583
Kansas.....	79,437	20,151	15,449	43,837
SOUTH ATLANTIC.....	586,524	347,300	126,793	112,431
Delaware.....	11,496	10,065		1,432
Maryland.....	74,496	29,747	23,786	20,962
Virginia.....	80,604	34,692	27,272	18,640
West Virginia.....	68,525	45,302	23,223	
North Carolina.....	115,997	91,210	18,113	6,673
South Carolina.....	48,931	32,820	3,310	12,802
Georgia.....	72,170	51,863	12,833	7,474
Florida.....	90,230	49,627	18,255	22,348
District of Columbia.....	24,076	4 1,974		22,102
EAST SOUTH CENTRAL.....	248,239	148,577	55,397	44,265
Kentucky.....	60,341	23,833	18,877	17,631
Tennessee.....	83,581	53,055	22,492	8,034
Alabama.....	68,923	53,203	8,988	6,733
Mississippi.....	35,394	18,486	5,040	11,868
WEST SOUTH CENTRAL.....	470,654	306,751	30,994	132,909
Arkansas.....	41,814	26,333	842	14,640
Louisiana.....	92,053	69,158	18,772	4,124
Oklahoma.....	77,003	44,705	2,441	29,857
Texas.....	259,783	166,556	8,939	84,288

See footnotes at end of table.

Table 22.—Income from appropriation and taxation, by State: 1949-50—Con.

State, by region	Total	Taxing unit		
		State ¹	County ²	Local
1	2	3	4	5
MOUNTAIN	190,534	69,783	28,067	92,683
Montana.....	26,070	5,815	10,159	10,097
Idaho.....	20,606	4,413	4,225	11,968
Wyoming.....	10,817	3,097	1,314	6,406
Colorado.....	44,739	8,995	5,879	29,865
New Mexico.....	21,065	13,542	³ 1,273	³ 1,250
Arizona.....	31,555	11,059	3,569	16,927
Utah.....	29,860	15,519	-----	14,341
Nevada.....	5,823	2,344	1,648	1,831
PACIFIC	702,343	323,349	12,631	366,362
Washington.....	93,887	66,886	652	26,350
Oregon.....	63,776	20,449	906	42,421
California ⁵	544,680	236,015	11,074	297,591
Outlying parts of the United States				
Alaska.....	3,718	2,772	-----	945
Canal Zone.....	136	-----	-----	136
Hawaii.....	19,259	16,463	2,796	-----
Puerto Rico.....	26,860	26,860	-----	-----
Virgin Islands.....	421	-----	-----	421

¹ Includes receipts for State office, cost of free textbooks when furnished by State, and the amounts paid by the State towards teacher retirement and the lunch program.

² Includes county appropriation for county superintendent's office.

³ Estimated.

⁴ Federal funds.

⁵ Includes income for junior colleges.

Table 23.—Income from miscellaneous revenue sources and total revenue receipts, by State: 1949-50

[Thousands of dollars]

State, by region	Receipts from revenue sources other than those designated in tables 21 and 22				Total revenue receipts							Taxing unit		
	Taxing unit				Total	Subsidies from educational foundations	Federal			State	County	Local		
	Total	State	County	Local			Aid for vocational educators	Lunch program	Other, excluding defense projects					
1	2	3	4	5	6	7	8	9	10	11	12	13		
Continental United States	222,732	13,127	20,704	188,901	5,437,044	121	25,291	76,379	54,179	2,165,689	328,849	2,786,537		
NEW ENGLAND	2,243	46	-----	2,197	270,312	-----	1,463	3,078	278	59,927	-----	207,567		
Maine	61	2	-----	59	25,578	-----	180	391	49	7,121	-----	17,837		
New Hampshire	150	-----	-----	150	15,288	-----	157	273	153	947	-----	13,758		
Vermont	180	-----	-----	180	11,757	-----	157	215	18	3,230	-----	8,136		
Massachusetts	231	-----	-----	231	130,182	-----	528	1,344	26,750	-----	-----	101,560		
Rhode Island	159	-----	-----	159	22,253	-----	172	255	58	4,503	-----	17,264		
Connecticut	1,461	-----	-----	1,417	65,255	-----	268	600	-----	15,376	-----	49,011		
MIDDLE ATLANTIC	45,023	622	278	44,123	1,113,779	-----	3,798	8,575	261	390,431	2,135	708,580		
New York	16,250	600	-----	15,650	596,184	-----	1,749	4,676	-----	238,496	-----	351,263		
New Jersey	2,013	22	278	1,713	183,130	-----	543	1,306	211	34,656	2,135	144,280		
Pennsylvania	26,760	-----	-----	26,760	334,465	-----	1,506	2,594	50	117,279	-----	213,036		
EAST NORTH CENTRAL	78,115	2,660	3,296	72,159	1,153,090	37	4,491	11,450	1,439	360,959	18,897	755,816		
Ohio	19,751	-----	54	19,697	260,985	-----	1,129	2,990	217	81,924	535	174,190		
Indiana	2,675	-----	2,675	-----	151,092	-----	705	3,977	-----	56,484	2,675	89,182		
Illinois	42,140	37	-----	42,103	351,737	-----	1,184	2,934	-----	58,185	2,580	289,184		
Michigan	10,542	2,601	566	7,375	268,712	37	863	2,323	53	143,387	1,104	120,944		
Wisconsin	3,007	22	-----	2,985	120,634	-----	610	1,226	1,169	20,978	14,334	82,317		
WEST NORTH CENTRAL	16,561	251	407	15,903	488,703	7	2,963	6,706	431	132,405	35,616	310,575		
Minnesota	4,925	23	10	4,892	113,369	-----	573	1,404	306	41,104	8,133	61,848		
Iowa	2,226	26	-----	2,200	95,578	-----	555	1,373	-----	18,298	738	74,614		
Missouri	1,452	-----	36	1,416	104,545	-----	752	2,089	-----	40,687	6,212	54,805		
North Dakota	802	-----	-----	802	22,774	-----	205	262	-----	6,142	4,145	12,020		
South Dakota	429	10	361	58	23,407	-----	197	262	-----	2,838	732	19,331		
Nebraska	1,764	172	-----	1,593	42,806	7	295	452	1	2,669	207	39,176		
Kansas	4,962	19	-----	4,943	86,223	-----	387	940	-----	20,668	15,449	48,780		

See footnotes at end of table.

	24,482	115	14,700	9,667	658,021	8	4,050	15,743	26,619	348,010	141,493	122,098
SOUTH ATLANTIC												
Delaware	322	12	807	311	12,177		155	768	1,034	10,171	24,593	1,743
Maryland	1,049		2,823	242	77,650		302	1,089		29,747	20,747	21,204
Virginia	4,343		489	1,520	87,682		606	2,129		30,096	30,096	20,160
West Virginia	498	9			72,308		404	1,638		45,311	23,712	
North Carolina	6,107	84	3,708	2,314	135,326	5	890	3,837	1,243	45,611	21,822	8,987
South Carolina	3,257		209	2,958	59,471		484	2,331	8,490	32,820	3,600	15,760
Georgia	5,361	(*)	3,528	1,833	90,346	2	743	3,178	8,892	51,863	16,361	6,307
Florida	3,534	10	3,045	480	98,669		331	1,579	2,495	50,138	21,300	22,827
District of Columbia	9			9	24,393		135	174		1,974		22,111
EAST SOUTH CENTRAL												
Kentucky	3,354	167	261	2,926	275,450	43	2,706	10,990	9,539	149,322	55,658	47,191
Tennessee	820	20	216	583	68,288		693	2,656	3,640	23,992	19,094	18,214
Alabama	665	49	37	579	93,025	41	691	2,766	5,711	53,255	22,529	8,613
Mississippi	1,861	98		1,763	74,759		702	3,047		53,527	8,988	8,496
West South Central	15,064	4,868	1,139	9,057	509,271	8	2,935	11,738	1,005	317,063	33,728	142,795
Arkansas	300	6		294	45,350		528	2,230	476	26,339	842	14,934
Louisiana	9,493	4,731	1,035	3,727	106,126	2	518	2,850		73,889	21,020	7,851
Oklahoma	90	90			81,584		534	1,900	529	46,106	2,658	29,857
Texas	5,181	41	103	5,037	276,210	6	1,355	4,759		170,729	9,208	90,154
MOUNTAIN												
Montana	11,473	4,153	539	6,782	217,753	2	1,334	2,790	2,068	83,488	28,806	99,465
Idaho	46	11		35	29,186		163	267	1,092	7,374	10,159	10,132
Wyoming	1,479	313		1,166	23,330		163	350		5,458	4,225	13,133
Colorado	713			712	15,208		155	163	74	6,383	1,314	7,118
New Mexico	2,780	11	50	2,719	49,179		211	528		9,927	3,584	32,584
Arizona	4,673	3,788	439	4,446	28,549		164	448		24,530	1,712	1,696
Utah	1,097	50	50	1,047	34,148	2	162	466	386	11,546	3,619	17,974
Nevada	465	25		446	31,442		160	517	161	15,824		14,780
	220	2		218	6,711		155	58	355	2,447	1,048	2,049
PACIFIC												
Washington	26,416	245	84	26,088	750,664	16	1,552	5,307	12,540	326,084	12,715	392,450
Oregon	4,287	88		4,199	104,712	6	315	1,067	3,472	68,652	652	30,549
California	7,172	2		7,172	72,178		211	789		20,679	906	49,594
	14,955	155	84	14,716	573,774	10	1,025	3,452	9,069	236,753	11,158	312,307
Outlying parts of the United States												
Alaska	24			24	3,792			13	38	2,772		969
Canal Zone					1,706				1,570	16,463	2,887	136
Hawaii	91		91		19,798		198	249		26,990		
Puerto Rico	130	130			30,304		507	2,807				
Virgin Islands	6			6	600			59	114			427

¹ Federal appropriation, plus value of commodities distributed.

² Less than \$500.

Table 24.—Nonrevenue receipts and total of all receipts, by State: 1949-50

[Thousands of dollars]

State, by region	NONREVENUE RECEIPTS FROM—					TOTAL REVENUE AND NONREVENUE RECEIPTS, EXCLUDING BALANCE ON HAND						
	Total	Loans and bond sales	Sales of property and insurance adjustments	Other	Total	Subsidies from educational foundations	FEDERAL			TAXING UNIT		
							Aid for vocational education	Lunch Program	Other (less defense projects)	State	County	Local
I	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States..	963,978	863,120	23,738	77,119	6,401,022	121	25,291	76,379	56,153	2,176,316	413,298	3,653,464
NEW ENGLAND.....	35,202	24,800	1,508	8,894	305,514	---	1,463	3,078	278	58,491	---	242,205
Maine.....	1,462	---	1,462	---	27,040	---	180	391	49	7,121	---	19,299
New Hampshire.....	2,606	2,088	---	518	17,894	---	157	273	153	947	---	16,365
Vermont.....	2,273	2,177	46	49	14,029	---	157	215	18	3,230	---	10,409
Massachusetts.....	1,825	1,825	---	---	131,007	---	528	1,344	---	26,750	---	102,385
Rhode Island.....	1,535	1,535	---	---	23,788	---	172	255	58	4,470	---	18,833
Connecticut.....	26,501	18,174	---	8,326	91,756	---	268	600	---	15,973	---	74,914
MIDDLE ATLANTIC.....	176,048	173,289	1,303	1,456	1,289,827	---	3,798	8,575	261	390,431	2,166	884,597
New York.....	113,158	112,184	974	---	709,341	---	1,749	4,676	---	238,496	---	464,421
New Jersey.....	26,653	24,868	329	1,456	209,784	---	543	1,306	211	34,656	2,166	170,962
Pennsylvania.....	36,237	36,237	---	---	370,702	---	1,506	2,694	30	117,279	---	249,274
EAST NORTH CENTRAL.....	224,645	187,806	9,805	27,033	1,377,735	37	4,491	11,450	1,439	363,885	18,897	977,534
Ohio.....	89,518	71,579	953	16,985	350,502	---	1,128	2,990	217	81,924	535	263,707
Indiana.....	12,293	12,037	256	---	163,315	---	705	1,977	---	56,484	2,675	101,475
Illinois.....	51,317	46,803	4,514	---	403,054	---	1,184	2,934	---	58,185	250	340,501
Michigan.....	61,444	52,975	452	8,017	330,156	37	863	2,323	53	143,387	1,104	182,388
Wisconsin.....	10,074	4,413	3,629	2,031	130,707	---	610	1,226	1,169	23,905	14,334	89,464
WEST NORTH CENTRAL.....	78,133	64,547	1,295	12,291	566,836	7	2,963	6,706	431	132,405	35,641	388,682
Minnesota.....	19,811	14,210	---	5,601	133,179	---	573	1,404	306	41,104	8,158	81,634
Iowa.....	20,744	18,648	---	2,097	116,322	---	555	1,373	---	18,298	738	95,358
Missouri.....	9,138	8,166	973	---	113,683	---	732	2,089	---	40,687	6,212	63,944
North Dakota.....	2,815	1,996	---	819	23,589	---	205	262	---	6,142	4,145	14,835
South Dakota.....	5,460	1,831	166	3,463	28,867	---	197	187	123	2,838	732	24,791
Nebraska.....	1,659	1,192	157	311	44,466	7	295	452	1	2,669	207	40,835
Kansas.....	18,505	18,505	---	---	104,729	---	387	940	---	20,668	15,449	67,286

See footnote at end of table.

SOUTH ATLANTIC	105,739	98,506	1,928	5,305	763,760	8	4,050	15,743	28,594	355,147	202,044	158,175
Delaware	5,369	5,333	4	33	17,547		155	108		12,682		4,602
Maryland	22,325	22,200	68	57	99,975		302	769		30,650		25,295
Virginia	18,540	18,285	164	90	106,222		606	2,129	1,034	34,692	41,915	26,133
West Virginia	2,366	1,583	69	914	74,873		404	1,638		45,311	26,278	
North Carolina	26,793	23,220	547	1,026	162,119		890	3,827	1,243	96,983	42,016	9,898
South Carolina	8,941	6,972	105	1,026	68,412		484	2,331	8,466	22,820	4,821	21,889
Georgia	9,036	7,333	589	1,115	99,382	1	743	3,178	8,892	51,863	22,714	31,659
Florida	12,169	11,580	382	206	110,838	2	331	1,579	2,892	50,138	21,637	
District of Columbia					24,393		135	174	1,974			22,111
EAST SOUTH CENTRAL	27,862	22,700	1,188	3,973	303,312	43	2,706	10,990	9,539	149,322	74,493	56,218
Kentucky	1,904	423	400	1,079	70,192		693	2,656	3,640	23,992	20,078	19,133
Tennessee	21,925	19,425	447	2,053	115,551	41	691	2,786	5,711	53,254	37,832	15,236
Alabama	3,495	2,314	341	840	78,254		702	3,047		53,527	11,535	9,443
Mississippi	1,537	1,537			39,315	2	621	2,501	188	18,549	5,048	12,405
WEST SOUTH CENTRAL	131,006	115,896	4,084	11,027	640,277	8	2,935	11,738	1,005	317,063	38,735	208,794
Arkansas	20,514	19,910	604		65,865		528	2,230	476	26,339	842	35,448
Louisiana	30,754	19,563	164		136,880	2	518	2,850		73,889	21,020	38,605
Oklahoma	3,333	3,333		11,027	84,917		534	1,900	529	46,106	2,658	33,190
Texas	76,404	73,089	3,316		352,615	6	1,355	4,759		170,729	14,215	161,552
MOUNTAIN	41,107	34,651	723	5,733	258,861	2	1,334	2,790	2,068	83,488	28,606	140,572
Montana	4,205	2,813	170	1,223	33,391		163	267	1,092	7,374	10,159	14,337
Idaho	6,492	5,652	162	679	29,822		163	350		5,458	4,225	19,626
Wyoming	504	217	288		15,712		135	103	74	6,383	1,314	7,622
Colorado	9,279	7,962		1,317	58,438		211	328		9,927	5,930	41,863
New Mexico	6,000	6,000			34,549		164	448		24,530	1,712	7,696
Arizona	3,020	2,289	70	661	37,168	2	162	460	386	11,546	3,619	20,994
Utah	8,231	6,344	34	1,853	39,673		160	517	161	15,824	161	23,011
Nevada	3,375	3,375			10,086		155	58	355	2,447	1,648	5,424
PACIFIC	144,236	140,925	1,904	1,408	894,901	16	1,552	5,307	12,540	326,084	12,715	536,086
Washington	21,024	19,386	230	1,408	125,736	6	315	1,067	3,472	68,652	652	51,373
Oregon	16,074	15,858	216		88,252		211	789		20,679	906	65,668
California	107,138	105,680	1,458		680,912	10	1,025	3,452	9,069	236,753	11,158	419,446
Outlying parts of the United States												
Alaska					3,792			13	38	2,772		969
Canal Zone					1,706				1,570			136
Hawaii	9		8	933	19,806		198	249		16,463	2,896	
Puerto Rico					30,304		507	2,807		26,990		
Virgin Islands					601			59	114			427

1 Statistics for 1948, cities only.

Table 25.—Percentage analysis of revenue receipts, by State: 1949-50

State, by region	From taxation and appropriation			From permanent school funds and leases of school lands			From all other sources except subsidies from educational foundations and the Federal Government				From Federal Government			Total		
	State	County	Local	State	County	Local	State	County	Local	Other	Vocational education	Lunch program	Federal	State	County	Local
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Continental United States	39.0	5.6	47.7	0.5	(1)	(1)	0.2	0.4	3.5	0.5	1.4	1.0	2.9	39.8	6.0	51.3
NEW ENGLAND	21.1		75.9	0.3		0.1	(1)		0.8	0.6	1.1	0.1	1.8	21.4		76.8
Maine	27.5		68.7	.3		.9	(1)		.2	.7	1.5	.2	2.4	27.8		69.7
New Hampshire	4.4		89.0	1.8			(1)		1.0	1.0	1.8	1.0	3.8	6.2		90.0
Vermont	27.0		67.7	.5					1.5	1.4	1.8	.1	3.3	27.5		69.2
Massachusetts	20.4		77.8	.2			1.0		.2	.4	1.0		1.4	20.6		78.0
Rhode Island	20.0		76.9	.2					2.2	.8	1.1	.3	2.2	20.2		77.6
Connecticut	23.3		72.9	.2			.1		2.2	.4	.9		1.3	23.6		75.1
MIDDLE ATLANTIC	34.9	0.2	59.7	0.1			(1)	(1)	4.0	0.3	0.8	(1)	1.1	35.1	0.2	63.6
New York	39.8		56.3	.1			.1		2.6	.3	.8		1.1	40.0		58.9
New Jersey	18.7	1.0	77.8	.3			(1)	.2	.9	.3	.7		1.1	18.9		78.8
Pennsylvania	35.0		55.7	(1)					8.0	.5	.8	(1)	1.2	35.1	1.2	63.7
EAST NORTH CENTRAL	30.9	1.4	59.2	0.1		0.1	0.2	0.3	6.3	0.4	1.0	0.1	1.5	31.3	1.6	65.6
Ohio	31.3	.2	59.2	.1				(1)	7.5	.4	1.2	.1	1.7	31.4	.2	66.7
Indiana	36.9		59.0	.5				1.8	12.0	.5	1.3		1.8	37.4	1.8	59.0
Illinois	16.5	.1	69.8	(1)		.5	(1)		.2	.3	.8		1.2	16.5	.1	82.2
Michigan	52.2	.2	42.3	.2			1.0	.2	2.7	.3	.9	(1)	1.2	53.4	.4	45.0
Wisconsin	17.4	11.9	65.7	(1)			(1)		2.5	.5	1.0	1.0	2.5	17.4	11.9	68.2
WEST NORTH CENTRAL	25.4	7.0	60.3	1.6	0.2		0.1	0.1	3.2	0.6	1.4	0.1	2.1	27.1	7.3	63.5
Minnesota	33.0		50.2	3.3			(1)	(1)	4.3	.5	1.2	.3	2.0	36.3		54.5
Iowa	19.0	.8	75.8	1.1			(1)		2.3	.6	1.4		2.0	19.1	.8	78.1
Missouri	38.9	5.0	51.1		.9		(1)		1.4	.7	2.0		2.7	38.9	5.9	52.4
North Dakota	21.4	18.2	49.3	5.5					3.5	.9	1.2		2.0	27.0	18.2	52.8
South Dakota	7.8	1.6	82.3	4.3			(1)	1.6	3.3	.8	1.2	(1)	2.2	12.1	3.1	82.6
Nebraska	2.9	.5	87.8	2.9			.4		3.7	.7	1.1	(1)	1.8	6.2	17.5	91.5
Kansas	23.4	17.9	50.8	.6			(1)		5.7	.5	1.1		1.5	24.0	17.9	56.6
SOUTH ATLANTIC	52.5	19.3	17.1	0.1			(1)	2.2	1.5	0.6	2.4	4.3	7.4	52.6	21.5	18.5
Delaware	82.6		11.8	.8			.1		2.5	1.3	.9		2.2	83.5		14.3

See footnotes at end of table.

Maryland.....	38.3	30.6	27.0				1.1	.3	.4	1.0	1.3	2.7	38.3	31.7	27.3
Virginia.....	39.6	31.1	21.3				3.2	1.7	.7	2.4		3.1	39.6	34.3	23.0
West Virginia.....	62.6	32.1					.1		.6	2.3	1.7	4.5	62.7	32.8	
North Carolina.....	67.4	13.4	4.9				2.7	1.7	.7	2.8	6.3	9.8	67.5	16.1	6.6
South Carolina.....	55.1	5.5	21.8				.5	4.9	.8	3.9	7.5	12.2	55.2	6.1	26.5
Georgia.....	57.4	14.2	8.3				3.9	2.0	.8	3.5	9.9	14.2	57.4	18.1	10.3
Florida.....	50.3	18.5	22.7	.5			3.1	.5	.3	1.6	2.5	4.5	50.8	21.6	23.1
District of Columbia.....			90.6					(1)	.6	.7	8.1	9.4			90.6
EAST SOUTH CENTRAL.....															
Kentucky.....	53.9	20.1	16.1	0.2			0.1	1.1		4.0	3.5	8.4	54.2	20.2	17.1
Tennessee.....	34.9	27.7	25.8	.2			(1)	.9	1.0	3.9	5.3	10.2	35.1	28.0	26.7
Alabama.....	56.7	34.0	8.6				.1	.6	.7	3.0	6.1	9.8	56.9	24.1	9.2
Mississippi.....	71.2	12.0	9.0	.3				2.4	.9	4.1	.5	8.5	71.6	12.0	11.4
West South Central.....	47.7	13.0	30.6	.2			(1)		1.6	6.4		5.0	47.8	13.0	30.6
Arkansas.....	60.2	6.1	26.1	1.1	0.3		0.2	1.8	0.6	2.3	0.2	3.1	62.3	6.6	28.0
Louisiana.....	58.1	1.9	32.3					.6	1.2	4.9	1.0	7.1	58.1	1.9	32.9
Oklahoma.....	65.2	17.7	3.9		1.1		1.0	3.5	.5	2.7		3.2	69.6	19.8	7.4
Texas.....	34.8	3.0	36.6	1.6	.3		.1		.7	2.3	.6	3.6	36.5	3.3	36.6
Mountain.....	60.3	3.2	30.5	1.5	.1		(1)	1.8	.5	1.7		2.2	61.8	3.3	32.6
Montana.....	32.0	12.9	42.6	4.4			1.9	0.3	0.6	1.3	0.9	2.8	38.3	13.1	45.7
Idaho.....	19.9	34.8	34.6	5.3			.1		.6	.9	3.7	5.2	25.3	34.8	34.7
Wyoming.....	18.9	18.1	51.3	3.1			1.4	5.0	.7	1.5		2.2	23.4	18.1	56.3
Colorado.....	20.4	8.6	42.1	21.6			(1)	4.7	1.0	1.1*	.5	2.6	42.0	8.6	46.8
New Mexico.....	18.3	12.0	60.7	1.9			.1	5.5	.4	1.1		1.5	20.2	12.1	66.2
Arizona.....	64.9	4.5	4.4	7.7			13.3	1.6	.6	1.6		2.1	85.9	6.0	5.9
Utah.....	32.4	10.4	49.6	1.4			.2	3.1	.5	1.3	1.1	3.0	33.8	10.6	52.6
Nevada.....	49.4	45.6	.9				.1	1.4	.5	1.6	.5	2.7	50.3	47.0	47.0
Pacific.....	34.9	24.6	27.3	1.5			(1)	3.2	2.3	.9	5.3	8.5	36.5	24.5	30.5
Washington.....	43.1	1.7	48.8	0.3			(1)	3.5	0.2	0.7	1.7	2.6	43.4	1.7	52.3
Oregon.....	63.9	6	25.2	1.6			.1	4.0	.3	1.0	3.3	4.6	65.6	.6	29.2
California.....	28.3	1.3	58.8	.3			(1)	9.9	.3	1.1		1.4	28.6	1.3	68.7
Outlying parts of the United States.....	41.1	1.9	51.9	.1			(1)	2.6	.2	.6	1.6	2.4	41.3	1.9	54.4
Alaska.....	73.1		24.9					0.6		0.4	1.0	1.3	73.1		25.6
Canal Zone.....			8.0							1.3	92.0	92.0			8.0
Hawaii.....	83.2	14.1					0.5		1.0	1.3		2.3	83.2	14.6	
Puerto Rico.....	88.6		88.6						1.7	9.3		10.9	89.1		
Virgin Islands.....			70.1					1.1		9.8	19.0	28.8			71.2

* Less than 0.05 percent.

† Does not include subsidies from educational foundations. In the case of each of the 12 States which reported this item, the amount (see table 23) was less than 0.05 percent.

Table 26.—Current expenditure for administration (general control) and for instruction, by State: 1949-50

[Thousands of dollars]

State, by region	ADMINISTRATION (GENERAL CONTROL)					INSTRUCTION								
	Total	Salaries and per diem			Supplies, travel, and other expense	Total	Instructional staff salaries				Salaries of clerical assistants	Free text-books	Library books	Supplies and expenses
		Board of education	Administrative and professional staff	Clerical assistants			Super- visors when separately reported	Prin- cipals when separately reported	Teachers and other instructional staff					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Continental United States	220,050					3,112,340	2,896,489				30,538	48,076	7,866	129,371
NEW ENGLAND	10,503					180,969	168,888				952	3,200	152	7,777
Maine	990	77	565	127	221	14,614	13,374					508		732
New Hampshire	805	63	563	41	137	8,935	8,270			446	57	201		407
Vermont	600	1	410	100	89	6,630	6,111	301	436	5,374	54	163	18	284
Massachusetts	5,041					93,660	87,992			87,992		1,474	123	4,071
Rhode Island	727	51	557	28	91	14,012	13,124	296	692	12,136	191	177	12	508
Connecticut	2,342		1,352	562	428	43,118	40,017	801	2,505	36,712	650	677		1,775
MIDDLE ATLANTIC	44,040					634,820	586,298	14,842	24,303	547,153	13,637	10,802	188	23,894
New York	19,553	1,674	6,178	6,413	5,288	332,778	310,097	9,242	12,494	288,360	8,433	4,284		9,964
New Jersey	8,483	1	4,536	2,199	1,747	108,152	99,699	2,051	4,623	93,026	2,456	1,792	188	4,017
Pennsylvania	16,004					193,890	176,502	3,549	7,186	165,767	2,749	4,726		9,914
EAST NORTH CENTRAL	37,942					630,443	590,237				6,713	8,735	3,491	21,267
Ohio	8,127	2,651	3,676	430	1,370	149,126	139,525	1,325	7,247	130,953	2,213	2,801	712	3,875
Indiana	3,553					89,518	86,027	2,238	6,445	77,344	806	2,451	1,400	2,686
Illinois	11,944					180,713	170,405					2,451		6,457
Michigan	10,122	881	4,589	343	4,310	142,560	131,720	1,411	6,428	123,881	2,733	1,719	1,379	5,009
Wisconsin	4,196					68,525	62,560	986	2,569	59,006	961	1,764		3,240
WEST NORTH CENTRAL	22,038					300,328	278,035				673	5,317	913	15,391
Minnesota	5,420					66,647	60,804					1,539	427	3,878
Iowa	5,241	1,824	3,042	234	141	59,126	55,447							3,679
Missouri	4,772	347	1,915	814	1,697	64,933	59,601	934	3,326	55,341	522	2,187	295	2,327
North Dakota	587		402	29	156	16,100	15,195	110		15,084		332	92	481
South Dakota	1,354		627	209	517	16,726	15,575					457		694
Nebraska	2,455	356	1,665	69	365	30,864	28,316	554	905	26,857	151	801	99	1,497
Kansas	2,209					45,932	43,097							2,835

See footnotes at end of table.

	19,824				381,424	363,353	4,080	25,780	333,493	3,005	4,925	862	9,279
SOUTH ATLANTIC													
Delaware	995	2	464	313	217	6,851	6,437	85	232	6,119	40	147	227
Maryland	2,458		1,158	648	663	44,005	42,166	1,030	2,166	38,910	508	592	1,246
Virginia	2,737	100	1,482	393	753	53,065	49,764	1,295	5,338	43,130	657	293	2,043
West Virginia	2,155	16	909	802	438	40,125	38,879		5,487	33,992	252	284	711
North Carolina	2,251	56	1,768	808	619	80,469	78,304		6,721	71,383	211	900	1,054
South Carolina	2,606		1,426	89	1,090	33,095	32,074		7,716	31,389			830
Georgia	2,845	70	1,671	689	415	52,506	48,972	631	1,209	47,131	999	1,823	1,527
Florida	2,259	252	702	710	595	55,930	52,976	819	3,024	49,134		634	1,278
District of Columbia	517					14,777	13,841	220	886	12,735	339	233	365
EAST SOUTH CENTRAL												(1)	
Kentucky	3,019	64	1,787	450	718	38,819	37,239		3,098	34,141	233	481	560
Tennessee	3,050	73	1,922	542	1,514	53,840	51,105	(2)	1,177	49,927	289		2,446
Alabama	1,867	45	718	755	350	48,735	47,176	417	2,206	44,554		450	1,108
Mississippi	1,509	18	1,207	117	167	24,457	22,520	87	7,707	21,727	88	769	911
WEST SOUTH CENTRAL													
Arkansas	28,857					305,597	286,973	3,642	22,631	260,701	2,726	7,169	8,130
Louisiana	2,995	7	1,859	451	678	24,925	24,109	156	1,387	22,566	124	378	315
Oklahoma	3,834	162	1,219	881	1,573	52,847	50,239	672	3,704	45,863		1,750	858
Texas	5,197					53,843	49,711	316	6,485	42,910	1,237	1,084	1,211
	16,831	3,157	7,686	3,104	2,885	173,982	162,914	2,498	11,055	149,362	1,366	3,937	5,745
MOUNTAIN													
Montana	10,582					128,491	118,717	1,024	8,411	109,252	593	2,885	5,618
Idaho	1,805	454	1,002	391	48	15,802	14,626		650	13,976		409	621
Wyoming	1,231					12,026	11,633	113	725	10,815	63	301	489
Colorado	2,247	51	521	230	118	8,175	7,530		418	7,113		200	390
New Mexico	1,345					29,384	27,302	(4)	1,808	25,434		740	1,120
Arizona	1,587					18,677	17,555	445	1,746	15,365		450	672
Utah	1,015	43	1,097	331	158	21,512	19,357	168	1,075	18,114	288	400	1,332
Nevada	1,341		425	358	189	18,037	16,777	169	1,711	14,798	206	282	772
			202	70	69	4,278	3,918	30		3,638	35	103	222
PACIFIC													
Washington	36,818					384,418	345,949				1,630	3,344	32,989
Oregon	3,980	6	2,175	599	599	59,226	54,234	775	3,692	49,767	1,087	980	2,409
California	2,505		1,031	679	795	40,752	36,789	(2)	2,998	33,792	542		2,569
	30,325					284,441	254,926					1,505	28,010
Outlying parts of the United States													
Alaska	156					2,469	2,305				20	50	77
Canal Zone	67		28	28	11	1,374	1,200	25		1,080	21	31	117
Hawaii	486	4	210	212	60	12,737	11,903	135	691	11,077	506	20	307
Puerto Rico	1,355		828	432	92	15,046	14,265	203	929	13,133	76	141	834

1 Less than \$500. 2 Included in column 10.

Table 27.—Current expenditure for operation, maintenance, and auxiliary services, by State: 1949-50

[Thousands of dollars]

State, by region	OPERATION OF PLANT					MAIN- TENANCE (UPKEEP, REPLACE- MENT AND REPAIRS)	SCHOOL SERVICES CHARGEABLE TO PUPILS										AUXILIARY SERVICES				Services not chargeable to pupils		
	Total	Salaries	Fuel, light, water, and power	Sup- plies	Other		Total auxil- ary services	Health service	School lunch program	Transportation				Other school services	Public libraries under board of educa- tion	Other com- munity services	Non- public schools						
										Total	Opera- tion	Main- tenance	Other, includ- ing contract service										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18						
Continental United States.....	427,587					214,164	451,663	30,599	139,992	214,784				33,183	2,041	29,336	1,729						
NEW ENGLAND.....	27,225					11,855	20,016	3,194	6,048	9,952				284		402	136						
Maine.....	2,382	1,322	1,061			888	2,712	45	573	1,885				209									
New Hampshire.....	1,381	723	421	237		406	1,744	185	419	1,065				175									
Vermont.....	1,107	496	510	68	34	573	1,217	38	334	820						24							
Massachusetts.....	14,059					6,683	8,357	1,904	3,177	3,275													
Rhode Island.....	2,419	1,467	813	92	47	719	1,331	194	516	484							136						
Connecticut.....	5,878	3,463	2,044	371		2,586	4,656	827	1,029	2,422	1,515	907				377							
MIDDLE ATLANTIC.....	91,426	57,287	26,442	4,748	2,949	46,493	83,199	15,238	26,033	30,403				5,866	569	5,088							
New York.....	45,181	28,115	13,654	2,005	1,408	22,858	42,471	7,447	16,165	13,725				1,441		3,693							
New Jersey.....	16,893	11,257	4,347	827	463	9,548	11,501	2,793	2,405	4,347	316	184	3,847	726		1,232							
Pennsylvania.....	29,351	17,916	8,442	1,916	1,077	14,087	29,226	4,999	7,464	12,332				3,699	569	163							
EAST NORTH CENTRAL.....	116,515	70,886	35,433	4,508	5,688	48,075	87,110	3,893	18,981	43,018				5,701	1,039	13,306	1,171						
Ohio.....	26,218	15,042	7,840		3,336	12,327	17,822	1,027	5,445	9,696	7,039	2,586	71	575		1,078							
Indiana.....	22,946	12,919	7,435	1,721	872	5,894	13,718		3,180	8,644				1,894									
Illinois.....	30,812	21,674	7,116	2,022		13,613	29,974	1,940	5,046	9,597													
Michigan.....	25,239	15,433	8,428		1,378	10,641	17,189	736	3,467	9,484				2,462	1,039	12,228	1,163						
Wisconsin.....	11,299	5,818	4,613	765	102	5,600	8,407	190	1,843	5,597				769			8						
WEST NORTH CENTRAL.....	48,209					23,136	46,473	1,907	10,684	27,681				6,201									
Minnesota.....	12,504	6,761	3,586	2,157		5,064	13,934	790	2,506	9,201				1,437									
Iowa.....	10,140					4,821	9,941		1,839	6,655				1,447									
Missouri.....	9,296	5,601	2,669	663	363	5,302	9,347	915	3,578	4,854													
North Dakota.....	2,636	1,125	1,304	206		1,187	2,050		477	1,143			1,143	430									

See footnotes at end of table.

Table 28.—Current expenditure for fixed charges, and total current expenditure, by State: 1949-50

[Thousands of dollars]

State, by region	FIXED CHARGES						CURRENT EXPENDITURE					
	✓	Chargeable to pupils						Not chargeable to pupils (refunds of taxes, etc.)	Total full-time day schools	Amount not chargeable to pupils (included in previous columns)	Net chargeable to pupils	
		Total	State contributions to retirement	School board contributions to retirement	Insurance and judgments	Rent	Other				Amount	Amount per pupil in average daily attendance (in dollars)
1	2	3	4	5	6	7	8	9	10	11	12	
Continental United States	261,469	120,967	77,683	30,797	3,924	27,394	705	4,687,274	33,811	4,653,464	208.83	
	12,504	10,082	1,042	1,072	43	265	---	263,073	538	262,535	227.10	
	1,214	859	---	221	---	134	---	22,801	---	22,801	157.47	
	584	32	388	128	---	---	---	13,818	---	13,818	210.51	
	753	582	14	124	8	24	---	10,879	24	10,855	192.87	
Massachusetts	4,688	4,688	---	---	---	---	---	132,486	---	132,486	236.44	
Rhode Island	1,065	882	---	121	6	87	---	20,273	136	20,137	240.40	
Connecticut	4,235	3,069	639	477	30	20	---	62,815	377	62,438	254.62	
MIDDLE ATLANTIC	74,562	22,024	43,669	6,815	1,095	753	206	974,539	5,864	968,675	262.38	
New York	42,706	457	37,983	3,078	544	438	206	505,548	3,900	501,648	295.02	
New Jersey	9,800	8,166	407	1,122	89	16	---	164,377	1,232	163,146	279.81	
Pennsylvania	22,056	13,401	5,280	2,614	461	299	---	304,614	732	303,882	215.76	
EAST NORTH CENTRAL	45,199	19,933	16,979	5,971	1,175	1,061	81	965,283	15,596	949,687	227.93	
Ohio	11,773	---	9,471	1,099	171	1,032	---	225,392	---	224,314	202.12	
Indiana	3,042	2,302	---	642	98	---	---	138,673	1,078	138,673	235.49	
Illinois	13,017	4,715	5,646	2,285	372	---	---	280,073	13,391	266,682	258.46	
Michigan	11,906	9,000	1,405	1,272	229	---	---	217,657	1,039	216,618	219.55	
Wisconsin	5,461	3,916	457	674	305	29	81	103,489	88	103,400	230.01	
WEST NORTH CENTRAL	16,030	1,592	7,715	2,276	575	3,872	---	456,214	---	456,214	214.76	
Minnesota	1,629	381	---	868	380	---	---	105,199	---	105,199	242.24	
Iowa	7,055	31	4,668	---	---	2,356	---	96,324	---	96,324	230.53	
Missouri	3,233	---	2,292	797	86	58	---	96,884	---	96,884	173.57	
North Dakota	801	---	429	255	51	67	---	23,361	---	23,361	226.27	
South Dakota	422	105	---	---	---	317	---	24,504	---	24,504	230.34	

See footnote at end of table.

Nebraska.....	1,707	850	325	357	59	116	44,191	44,191	217.07
Kansas.....	1,183	225	---	---	---	---	65,751	65,751	218.57
SOUTH ATLANTIC.....	32,298	22,992	2,615	4,511	336	1,844	537,770	548,288	152.09
Delaware.....	286	214	8	45	10	9	10,590	10,577	258.77
Maryland.....	4,297	3,897	301	301	33	67	63,762	63,704	213.39
Virginia.....	4,118	3,364	---	672	82	---	78,143	78,143	145.56
West Virginia.....	3,699	2,951	---	585	60	103	60,025	59,781	149.86
North Carolina.....	6,542	5,237	456	732	33	64	121,301	112,333	140.82
South Carolina.....	3,347	2,830	---	517	---	---	50,615	50,615	122.39
Georgia.....	4,864	3,085	432	808	68	420	76,468	76,468	123.37
Florida.....	3,477	1,394	---	832	50	1,181	75,416	75,219	131.27
District of Columbia.....	1,669	---	1,669	---	---	---	21,448	21,448	256.24
EAST SOUTH CENTRAL.....	11,454	8,014	27	2,614	168	407	243,791	242,810	113.78
Kentucky.....	2,402	1,479	---	505	63	42	58,913	58,485	130.82
Tennessee.....	3,222	2,214	---	615	59	333	77,071	77,071	132.17
Alabama.....	4,937	3,910	12	937	27	32	69,994	69,627	117.09
Mississippi.....	893	411	16	447	19	---	37,817	37,627	79.69
WEST SOUTH CENTRAL.....	22,490	17,126	---	3,840	194	1,330	453,042	452,919	194.63
Arkansas.....	1,651	962	---	---	---	689	39,661	39,661	111.71
Louisiana.....	6,540	5,664	---	820	30	25	90,194	90,070	214.08
Oklahoma.....	1,934	1,000	---	762	---	172	81,584	81,584	207.05
Texas.....	12,366	9,500	---	2,259	164	444	241,603	241,603	208.88
MOUNTAIN.....	8,228	2,406	3,184	1,712	231	500	192,524	191,909	220.48
Montana.....	982	---	620	333	---	---	25,289	25,259	267.56
Idaho.....	1,015	500	202	267	17	29	20,653	20,653	186.00
Wyoming.....	329	8	---	143	25	10	12,855	12,855	262.77
Colorado.....	2,795	386	1,573	306	95	435	44,446	44,204	219.66
New Mexico.....	828	662	---	363	---	---	27,064	26,898	222.48
Arizona.....	1,238	211	612	363	38	14	30,451	30,451	240.70
Utah.....	1,786	511	33	206	24	12	25,584	25,404	178.56
Nevada.....	255	128	---	95	32	---	6,184	6,184	246.22
PACIFIC.....	38,704	16,798	2,433	1,986	107	17,361	581,038	580,426	262.73
Washington.....	5,488	4,324	---	1,037	---	---	88,955	88,343	247.63
Oregon.....	3,381	12,000	2,433	929	107	---	64,172	64,172	286.75
California.....	27,835	10,474	---	---	---	17,361	427,911	427,911	263.51
Outlying parts of the United States.....	54	16	11	20	7	---	3,405	3,405	317.19
Alaska.....	---	---	---	---	---	---	1,642	1,642	196.40
Canal Zone.....	2,266	2,265	---	1	---	---	18,350	18,350	214.82
Hawaii.....	547	470	---	19	13	44	25,921	25,921	70.21
Puerto Rico.....	---	---	---	---	---	---	---	---	---

1 Estimated.

Table 29.—Expenditures for capital outlay, by State: 1949-50

[Thousands of dollars]

States, by region	Total capital outlay	Sites and buildings					Equipment			
		Total	Sites (when not included with buildings)	New buildings	Additions to buildings	Improvements to buildings	Total	Library books	Laboratory equipment, furniture and fixtures	Busses
1	2	3	4	5	6	7	8	9	10	11
Continental United States.										
NEW ENGLAND	1,014,176	35,238					3,184		2,898	
Maine	2,210	1,783		1,678		104	428		237	190
New Hampshire	2,881	2,617	(1)	1,936	681		264		264	
Vermont	613	495	9	342	40	105	118	16	36	65
Massachusetts	12,225	10,997					1,228		1,228	
Rhode Island	879	752	263	384	106		127	15	112	
Connecticut	19,614	18,595	2,039	15,741		795	1,020		1,020	
MIDDLE ATLANTIC	153,760	136,617	10,563	114,355	8,669	3,029	17,144	538	11,328	5,277
New York	87,423	78,416	6,755	69,420	1,083	1,159	9,007	516	6,132	2,360
New Jersey	28,739	26,730	1,219	21,052	4,459		2,008	23	1,834	152
Pennsylvania	37,598	31,471	2,589	23,884	3,127	1,870	6,127		3,363	2,765
EAST NORTH CENTRAL	217,641	184,003					33,638			
Ohio	60,403	53,686	2,008	37,569	12,809	1,301	6,717		3,787	2,930
Indiana	16,111	10,166	1,998	4,189		3,979	5,945		5,011	934
Illinois	71,214	62,532					8,682			
Michigan	52,260	42,738	2,931	37,838		1,969	9,522		7,313	2,209
Wisconsin	17,652	14,881	748	12,696		1,436	2,772		2,173	598
WEST NORTH CENTRAL	52,395									
Minnesota	12,135	9,467		9,467			2,667		2,667	
Iowa	17,018	13,335		10,755	2,580		3,683		3,683	
Missouri	11,413	9,300	613	5,555	2,232	900	2,113		1,292	821
North Dakota	1,173	567	95	471			606	586	20	
South Dakota	2,859	1,859	142	1,717			423		423	
Nebraska	2,503	1,684		1,148		536	819	122	698	
Kansas	5,872									

See footnote at end of table.

Table 30.—Summary of expenditures, and detail on debt retirements, by State: 1949-50

[Thousands of dollars]

State, by region	Total current expenditure for full-time day schools	Outlays for new building sites and new equipment	Interest	Total current expenditure for day schools, capital outlay, and interest	Expenditure for summer, evening, and adult schools	Total all schools	Debt retirement			
							Payment of bonds from current funds and sinking funds	Payment of short-term loans, warrants and bills of previous year	Transfers to sinking funds	Other debt service
1	2	3	4	5	6	7	8	9	10	11
Continental United States	4,687,274	1,014,176	100,578	5,802,029	35,614	5,837,643	205,373	70,838	17,887	8,707
NEW ENGLAND	263,073	38,422	1,652	303,147	1,328	304,476	5,603	2,841	127	42
Maine	22,801	2,210	89	25,100	43	25,143	372	480	20	9
New Hampshire	13,818	2,881	92	16,791	148	16,939	353	156	79	32
Vermont	10,879	613	56	11,548	---	11,548	156	947	28	---
Massachusetts	132,486	12,225	1,123	144,834	725	145,559	2,919	---	---	---
Rhode Island	20,273	879	334	21,486	52	21,538	731	---	---	---
Connecticut	62,815	19,614	959	83,388	360	83,748	3,071	1,414	---	---
MIDDLE ATLANTIC	974,539	153,760	28,515	1,156,814	9,101	1,165,915	55,782	20,670	13,104	1,929
New York	505,548	87,423	17,690	610,661	7,150	617,811	28,801	1,566	---	1,569
New Jersey	164,377	28,739	4,919	198,035	1,951	199,986	10,371	6,983	40	---
Pennsylvania	304,614	37,598	5,906	348,118	---	348,118	16,610	12,121	13,064	360
EAST NORTH CENTRAL	965,283	217,641	20,512	1,203,436	3,264	1,206,700	41,432	9,397	878	971
Ohio	225,392	60,403	5,269	291,065	6,855	291,920	14,409	3,334	---	30
Indiana	138,673	16,111	3,396	158,180	---	158,180	3,137	2,929	---	---
Illinois	280,073	71,214	6,911	358,198	---	358,198	9,087	---	327	---
Michigan	217,657	52,260	4,617	274,534	---	274,534	12,002	2,595	551	353
Wisconsin	103,489	17,652	319	121,459	2,409	123,868	2,197	539	---	589
WEST NORTH CENTRAL	456,214	52,395	7,750	516,359	---	516,359	20,071	7,436	1,225	1,078
Minnesota	105,199	12,135	830	118,163	---	118,163	5,045	3,573	---	---
Iowa	96,324	17,018	833	114,174	---	114,174	5,027	---	---	1,023
Missouri	96,884	11,413	4,167	112,463	---	112,463	4,674	---	---	---
North Dakota	23,361	1,173	371	24,905	---	24,905	533	1,887	1,225	---
South Dakota	24,504	2,282	285	27,071	---	27,071	535	1,976	---	---
Nebraska	44,191	2,503	498	47,193	---	47,193	311	---	---	55
Kansas	65,751	5,872	767	72,391	---	72,391	3,946	---	---	---

See footnotes at end of table.

SOUTH ATLANTIC										
Delaware	557,770	131,561	8,283	697,614	15,822	713,436	15,604	5,431	521	1,112
Maryland	10,500	2,369	100	13,059	59	13,118	222	---	---	9
Virginia	63,762	27,389	2,006	93,157	1,388	94,545	3,064	---	---	333
West Virginia	78,143	21,347	699	100,190	713	100,902	1,717	1,217	79	---
North Carolina	60,025	9,611	430	69,666	---	69,666	6,688	978	---	---
South Carolina	121,301	28,001	2,021	151,323	(7)	151,323	3,499	---	395	---
South Carolina	50,615	7,777	567	58,399	4,506	63,465	1,605	1,830	47	---
Georgia	76,408	11,449	938	88,855	6,370	95,225	1,476	1,006	---	---
Florida	75,416	17,636	1,922	94,974	2,345	97,319	3,334	400	---	770
District of Columbia	21,448	5,982	---	27,431	441	27,871	---	---	---	---
EAST SOUTH CENTRAL										
Kentucky	243,791	43,433	1,513	288,737	4,091	292,828	5,888	326	308	41
Tennessee	58,913	5,110	514	64,537	3,555	68,092	1,035	---	---	---
Alabama	77,071	26,855	474	104,401	173	104,576	3,335	260	308	41
Mississippi	69,990	8,542	480	79,013	361	79,374	1,518	66	---	---
Mississippi	37,817	2,926	44	40,786	---	40,786	---	---	---	---
WEST SOUTH CENTRAL										
Arkansas	453,042	89,764	14,925	557,732	---	557,732	19,422	13,962	---	1,264
Louisiana	39,661	13,615	1,078	54,354	---	54,354	2,189	220	---	6
Oklahoma	90,194	20,877	1,682	112,753	---	112,753	3,236	3,962	---	229
Oklahoma	41,584	4,627	1,400	87,611	---	87,611	1,600	---	---	---
Texas	241,603	50,644	10,765	303,013	---	303,013	12,396	9,780	---	1,029
MOUNTAIN										
Montana	192,524	52,836	3,350	248,711	958	249,669	11,379	1,825	1,724	1,945
Idaho	25,287	5,381	144	30,812	794	31,607	1,878	---	1,507	---
Wyoming	20,653	5,272	341	26,267	---	26,267	1,141	---	---	1,890
Colorado	12,855	1,647	235	14,737	---	14,737	817	---	---	---
New Mexico	44,446	13,797	235	59,458	---	59,458	2,573	1,625	---	---
Arizona	27,064	6,138	308	33,509	---	33,509	1,292	---	---	---
New Mexico	30,451	6,138	308	41,535	---	41,535	2,249	---	---	---
Utah	10,504	580	580	11,535	---	11,535	964	200	217	55
Utah	25,584	7,674	379	33,636	164	33,800	---	---	---	---
Nevada	6,184	2,423	149	8,757	---	8,757	495	---	---	---
PACIFIC										
Washington	581,038	234,363	14,078	829,478	1,080	830,528	30,192	8,950	---	325
Oregon	88,935	22,927	913	112,795	8 1,050	113,845	3,279	8,950	---	78
California	64,172	27,286	1,867	93,325	---	93,325	2,512	---	---	247
California	427,911	184,149	11,298	623,359	---	623,359	24,401	---	---	---
Outlying parts of the United States										
Alaska	3,405	696	---	4,101	---	4,101	---	---	---	---
Canal Zone	1,642	49	---	1,691	14	1,706	---	---	---	---
Hawaii	18,350	881	---	19,231	182	19,412	---	---	---	---
Puerto Rico	25,921	754	---	26,675	97	26,771	---	---	---	---

1 Statistics, 1947-48.

2 Statistics for cities only, 1947-48.

3 Statistics, 1948-49.

4 Incomplete, some interest in column 8.

5 Includes some interest.

6 Excludes veterans' program.

7 Small amount included in Auxiliary Services.

8 Estimated.

Table 31.—Expenditures for public elementary and secondary education per capita of population and per pupil in average daily attendance, by State: 1949-50

State, by region	Annual expenditure for education					Daily expenditure per pupil in average daily attendance	Expenditure per capita of population 5-17 years of age
	Per capita of total population	Per pupil in average daily attendance for—					
		Total	Current expenditures (less community services)	Interest	Capital outlay		
1	2	3	4	5	6	7	8
Continental United States-----	38.36	258.85	208.83	4.51	45.51	1.46	188.45
NEW ENGLAND-----	32.46	261.77	227.10	1.43	33.24	1.46	178.64
Maine-----	27.28	173.34	157.47	0.61	15.26	.96	130.73
New Hampshire-----	31.33	255.80	210.51	1.40	43.89	1.45	164.62
Vermont-----	30.39	204.76	192.87	1.00	10.89	1.20	146.18
Massachusetts-----	30.81	258.48	236.44	0.22	21.82	1.45	172.22
Rhode Island-----	27.27	254.87	240.40	3.98	10.49	1.42	156.83
Connecticut-----	41.40	338.52	254.62	3.91	79.99	1.87	241.70
MIDDLE ATLANTIC-----	38.13	311.75	262.38	7.72	41.65	1.71	206.87
New York-----	40.92	356.83	295.02	10.40	51.41	1.95	229.57
New Jersey-----	40.68	337.54	279.81	8.44	49.29	1.85	235.20
Pennsylvania-----	33.01	246.65	215.76	4.19	26.70	1.35	166.56
EAST NORTH CENTRAL----	39.44	285.08	227.93	4.92	52.23	1.58	206.10
Ohio-----	36.57	261.30	202.12	4.75	54.43	1.47	199.50
Indiana-----	40.02	268.62	235.49	5.77	27.36	1.55	200.48
Illinois-----	40.93	334.18	258.46	6.70	69.02	1.79	228.73
Michigan-----	42.92	277.20	219.55	4.68	52.97	1.54	206.57
Wisconsin-----	35.19	269.99	230.01	0.71	39.27	1.48	174.76
WEST NORTH CENTRAL----	36.49	243.07	214.76	3.65	24.66	1.39	182.39
Minnesota-----	39.36	272.09	242.24	1.91	27.94	1.59	193.08
Iowa-----	43.30	273.25	230.53	1.99	40.73	1.52	214.21
Missouri-----	28.33	201.47	173.57	7.46	20.44	1.12	150.75
North Dakota-----	39.85	241.22	226.27	3.59	11.36	1.40	169.42
South Dakota-----	41.02	254.47	230.34	2.68	21.45	1.45	186.70
Nebraska-----	35.30	231.82	217.07	2.45	12.30	1.31	176.75
Kansas-----	37.74	240.64	218.57	2.55	19.52	1.46	190.00
SOUTH ATLANTIC-----	32.85	190.88	152.09	2.30	36.49	1.07	142.23
Delaware-----	40.94	319.18	258.77	2.44	57.97	1.75	214.08
Maryland-----	39.61	311.85	213.39	6.72	91.74	1.69	200.34
Virginia-----	30.23	186.62	145.56	1.30	39.76	1.04	133.59
West Virginia-----	34.64	174.03	149.86	10.08	24.09	.99	138.78
North Carolina-----	37.08	178.45	140.82	2.53	35.10	.99	145.22
South Carolina-----	27.80	142.56	122.39	1.37	18.80	.80	102.54
Georgia-----	25.70	143.35	123.37	1.51	18.47	.81	105.15
Florida-----	34.05	228.40	181.27	4.63	42.50	1.27	172.05
District of Columbia--	34.72	327.71	256.24	-----	71.47	1.86	240.62
EAST SOUTH CENTRAL----	25.11	134.84	113.78	0.71	20.35	.79	100.92
Kentucky-----	21.83	132.44	120.82	1.06	10.56	.77	89.51
Tennessee-----	31.67	179.03	132.17	0.81	46.05	1.01	134.02
Alabama-----	25.80	132.26	117.09	0.81	14.36	.75	100.91
Mississippi-----	18.68	85.98	79.69	0.09	6.20	.50	70.56
WEST SOUTH CENTRAL----	38.33	239.68	194.68	6.42	38.58	1.35	170.35
Arkansas-----	28.41	153.09	111.71	3.03	38.35	.88	113.71
Louisiana-----	41.95	267.70	214.08	4.00	49.62	1.50	175.90
Oklahoma-----	39.25	222.34	207.05	3.55	11.74	1.21	171.79
Texas-----	39.26	261.97	208.88	9.31	43.78	1.50	184.31

See footnote at end of table.

Table 31.—Expenditures for public elementary and secondary education per capita of population and per pupil in average daily attendance, by State: 1949-50—Continued

State, by region	Annual expenditure for education					Daily ex- penditure per pupil in average daily attend- ance	Expendi- ture per capita of popula- tion 5-17 years of age
	Per capita of total popula- tion	Per pupil in average daily attendance for—					
		Total	Current expendi- tures (less commu- nity services)	Interest	Capital outlay		
1	2	3	4	5	6	7	8
MOUNTAIN-----	48.57	285.03	220.48	3.85	60.70	1.61	212.94
Montana-----	51.53	326.08	267.56	1.52	57.00	1.78	244.54
Idaho-----	44.30	236.55	186.00	3.07	47.48	1.35	186.29
Wyoming-----	50.64	301.24	262.77	4.80	33.67	1.72	233.92
Colorado-----	44.40	294.26	219.66	6.04	68.56	1.67	216.21
New Mexico-----	48.49	275.80	222.48	2.55	50.77	1.53	187.20
Arizona-----	55.09	328.31	240.70	4.59	83.02	1.92	229.48
Utah-----	48.40	235.16	178.56	2.66	53.94	1.34	195.56
Nevada-----	54.73	348.64	246.22	5.93	96.49	1.97	291.90
PACIFIC-----	57.21	375.18	262.73	6.37	106.08	2.14	316.47
Washington-----	47.35	314.45	247.63	2.56	64.26	1.81	249.00
Oregon-----	61.20	408.30	280.75	8.17	119.38	2.28	315.29
California-----	58.85	383.87	263.51	6.96	113.40	2.19	332.81
Outlying parts of the United States							
Alaska-----	31.79	382.00	317.19	-----	64.81	2.18	195.29
Canal Zone-----	31.91	202.28	196.40	-----	5.88	1.08	211.38
Hawaii-----	38.46	225.14	214.82	-----	10.32	1.31	167.23
Puerto Rico-----	12.06	72.25	70.21	-----	2.04	3.78	37.73

¹ An incomplete figure for interest was submitted.

Table 32.—Cost value of public property used for public elementary and secondary school purposes, by State: 1949-50

State, by region	Value of public school property (Thousands of dollars)				Average value of school property per—		
	Total, including undivided items	Sites, when reported separately	Buildings	Equip- ment: furniture, libraries, apparatus, etc.	Pupil enrolled	Pupil in average daily attend- ance	Unit of popula- tion 5-17 years of age
1	2	3	4	5	6	7	8
Continental United States	11,396,804	-----	-----	-----	\$454	\$511	\$370
NEW ENGLAND	710,597	-----	-----	-----	550	615	419
Maine.....	51,144	-----	46,149	4,995	323	353	266
New Hampshire.....	31,000	-----	28,000	3,000	432	472	304
Vermont.....	22,449	-----	-----	-----	367	399	284
Massachusetts.....	385,483	-----	-----	-----	610	688	458
Rhode Island.....	62,543	-----	57,805	4,739	649	747	457
Connecticut.....	157,978	-----	146,509	11,468	579	644	458
MIDDLE ATLANTIC	2,842,606	-----	2,379,398	253,787	673	770	508
New York.....	1,578,924	170,360	1,263,417	145,147	790	929	594
New Jersey.....	401,512	39,059	333,865	28,588	595	689	477
Pennsylvania.....	862,170	-----	782,117	80,054	556	612	413
EAST NORTH CENTRAL	2,580,437	-----	2,151,849	256,145	560	619	442
Ohio.....	612,409	56,057	501,942	54,410	509	552	420
Indiana ¹	240,000	53,619	167,438	18,943	348	408	304
Illinois.....	792,355	-----	725,638	66,717	687	768	506
Michigan.....	631,626	62,767	490,228	78,631	591	640	475
Wisconsin.....	304,047	-----	266,603	37,444	616	676	438
WEST NORTH CENTRAL	1,127,028	-----	-----	-----	467	531	398
Minnesota.....	240,145	12,962	200,978	26,205	499	553	392
Iowa.....	204,635	-----	204,635	-----	428	490	384
Missouri.....	255,464	-----	230,963	24,501	396	458	342
North Dakota.....	56,527	-----	-----	-----	493	548	484
South Dakota ²	51,748	-----	45,399	6,350	440	486	352
Nebraska.....	112,613	-----	101,458	11,154	494	553	408
Kansas.....	205,896	-----	183,030	22,866	592	684	540
SOUTH ATLANTIC	1,215,914	-----	-----	-----	299	337	248
Delaware.....	25,000	-----	-----	-----	543	612	410
Maryland.....	147,206	11,511	129,844	5,851	439	493	317
Virginia.....	204,720	-----	180,790	23,930	342	381	273
West Virginia.....	144,669	12,899	109,992	21,778	330	363	288
North Carolina.....	231,008	14,362	192,045	24,601	261	290	222
South Carolina.....	90,721	-----	-----	-----	184	219	158
Georgia.....	157,879	8,280	126,797	22,802	220	255	187
Florida.....	145,398	20,283	108,205	16,910	323	350	263
District of Columbia.....	69,313	9,059	53,916	6,338	720	828	608
EAST SOUTH CENTRAL	399,869	-----	-----	-----	165	187	140
Kentucky.....	131,369	-----	121,258	10,111	233	271	182
Tennessee ¹	100,000	-----	-----	-----	152	171	128
Alabama ¹	96,500	-----	-----	-----	142	162	123
Mississippi ¹	72,000	-----	-----	-----	137	152	125
WEST SOUTH CENTRAL	921,295	59,511	723,970	137,815	343	396	281
Arkansas.....	98,526	5,522	82,674	10,330	242	278	206
Louisiana.....	139,861	9,677	114,188	15,996	289	332	218
Oklahoma.....	191,041	10,680	150,361	30,000	433	485	374
Texas.....	491,867	33,632	376,746	81,489	363	425	299

See footnotes at end of table.

Table 32.—Cost value of public property used for public elementary and secondary school purposes, by State: 1949-50—Continued

State, by region	Value of public school property (Thousands of dollars)				Average value of school property per—		
	Total, including undivided items	Sites, when reported separately	Buildings	Equip- ment: furniture, libraries, apparatus, etc.	Pupil enrolled	Pupil in average daily attend- ance	Unit of popula- tion 5-17 years of age
1	2	3	4	5	6	7	8
MOUNTAIN.....	439,781	-----	-----	-----	447	505	377
Montana ¹	50,500	-----	-----	-----	477	535	401
Idaho.....	46,603	-----	40,678	5,925	381	418	331
Wyoming.....	28,417	-----	-----	-----	477	581	451
Colorado.....	113,524	-----	100,431	13,093	495	564	413
New Mexico.....	57,830	-----	52,286	5,544	388	478	323
Arizona.....	61,897	3,153	50,588	8,156	445	489	342
Utah.....	64,833	-----	57,971	6,862	422	456	377
Nevada.....	16,177	-----	14,041	2,136	643	644	539
PACIFIC.....	1,159,277	-----	-----	-----	480	525	442
Washington.....	257,224	-----	233,008	24,216	642	721	568
Oregon.....	152,053	10,322	123,611	18,120	596	665	514
California.....	750,000	-----	-----	-----	427	462	400
Outlying parts of the United States	-----	-----	-----	-----	-----	-----	-----
Alaska.....	6,951	-----	-----	-----	485	629	-----
Puerto Rico.....	26,445	2,449	21,365	2,630	65	716	-----

¹ Estimated. ² Statistics, 1947-48.

**Table 33.—Permanent school funds, school lands, and debt funds,
by State: 1949-50**

[All amounts in thousands]

State, by region	Amount of permanent school funds				School lands		Debt funds	
	Total	State	County	Local	Number of acres of school land	Estimated value of school lands	Amount in interest and bond accounts for serial bonds	Amount in sinking funds for term bonds
1	2	3	4	5	6	7	8	9
Continental United States	\$877,245	\$779,608	\$70,510	\$27,127	30,739	\$482,811	\$173,999	\$41,686
NEW ENGLAND	5,417	4,290		1,127	392	1,177		2,152
Maine	1,741	615		1,127		1,177		
New Hampshire	60	60						
Vermont	1,426	1,426						
Rhode Island ¹	41	41						2,152
Connecticut	2,148	2,148						
MIDDLE ATLANTIC	28,187	28,187					115,283	4,465
New York	9,850	9,850					82,555	
New Jersey	15,069	15,069					211	4,465
Pennsylvania	3,267	3,267					32,517	
EAST NORTH CENTRAL	81,439	55,645		25,795	36	16,936	21,844	12,141
Ohio	4,110	4,110			9	14	12,971	2,969
Indiana	27,500	27,500						
Illinois	26,745	950		25,795	10	16,715		
Michigan	8,945	8,945			7	7	8,874	5,649
Wisconsin	14,139	14,139			10	200		3,523
WEST NORTH CENTRAL	235,676	234,414	1,262		5,678	48,308		6,684
Minnesota	145,929	145,929						
Iowa	4,907	4,907						
Missouri	1,262		1,262					
North Dakota	31,224	31,224			1,818	9,545		1,290
South Dakota	27,444	27,444			2,239	22,388		
Nebraska	12,874	12,874			1,621	16,374		5,394
Kansas	12,035	12,035			(^e)	(^e)		
SOUTH ATLANTIC	29,117	29,117			92	1,839	3,870	2,352
Delaware	2,360	2,360					312	
Maryland								2,352
Virginia	18,738	18,738						
West Virginia	1,000	1,000					934	
South Carolina							2,624	
Florida	7,019	7,019			92	1,839		
EAST SOUTH CENTRAL	4,828	4,828						
Kentucky	2,316	2,316						
Tennessee	2,513	2,513						
WEST SOUTH CENTRAL	312,616	244,102	68,515		2,031	27,164	802	10,072
Arkansas	3,483	3,483			9	2,515	802	111
Louisiana ²	2,200	2,200			(^e)	3,801		
Oklahoma	130,101	74,196	55,905		812	17,249		
Texas	176,833	164,223	12,609		1,209	3,598		9,961

See footnotes at end of table.

Table 33.—*Permanent school funds, school lands, and debt funds, by State: 1949-50—Continued*

[All amounts in thousands]

State, by region	Amount of permanent school funds				School lands		Debt funds	
	Total	State	County	Local	Number of acres of school land	Estimated value of school lands	Amount in interest and bond accounts for serial bonds	Amount in sinking funds for term bonds
1	2	3	4	5	6	7	8	9
MOUNTAIN-----	103,029	102,099	734	206	19,975	136,607	2,417	3,820
Montana-----	23,337	23,337	-----	-----	4,322	43,217	-----	1,049
Idaho-----	² 10,273	² 10,273	-----	-----	(³)	¹ 848	-----	884
Wyoming-----	24,813	24,813	-----	-----	3,092	30,921	-----	-----
Colorado-----	² 14,083	² 14,083	-----	-----	(³)	-----	-----	-----
New Mexico-----	⁴ 15,092	⁵ 15,092	-----	-----	-----	¹ 24,000	-----	-----
Arizona-----	4,502	3,563	734	206	10,025	¹ 30,076	2,417	-----
Utah-----	7,187	7,187	-----	-----	2,500	7,500	(⁵)	1,527
Nevada-----	3,742	3,742	-----	-----	36	45	-----	361
PACIFIC-----	76,936	76,936	-----	-----	2,530	250,780	29,783	-----
Washington-----	50,006	50,006	-----	-----	1,750	250,000	3,499	-----
Oregon-----	11,338	11,338	-----	-----	780	780	1,622	-----
California-----	15,592	15,592	-----	-----	-----	-----	24,662	-----
Alaska-----	19	19	-----	-----	-----	-----	-----	-----

¹ Statistics, 1945-46.² Statistics, 1947-48.³ Acreage not reported.⁴ Statistics, 1943-44.⁵ Included in column 9.⁶ Less than \$500.

Table 34.—School bonds and other forms of school indebtedness, by State: 1949-50
[Thousands of dollars]

State, by region	Bonded indebtedness							Short-term indebtedness	Total indebtedness at close of year
	Bonds outstanding, July 1, 1949	Bonds issued during year				Bonds retired during year	Bonds outstanding, June 30, 1950		
		Total	For capital outlay	For refunding current indebtedness	For refunding bonds due				
1	2	3	4	5	6	7	8	9	10
Continental United States.....	2,559,029	775,708	620,591	3,912	2,077	206,859	3,127,878	149,856	3,277,734
NEW ENGLAND.....	55,493	32,961	32,934	26	---	5,603	82,850	7,727	90,576
Maine.....	2,631	---	---	---	---	372	2,260	2,168	4,428
New Hampshire.....	3,545	1,888	1,862	---	---	353	5,080	---	5,080
Vermont.....	2,719	2,177	2,177	26	---	156	4,740	1,218	5,958
Massachusetts.....	17,867	825	825	---	---	919	7,773	---	7,773
Rhode Island.....	11,014	1,535	1,535	---	---	731	11,818	1,012	12,829
Connecticut.....	27,716	26,535	26,535	---	---	3,071	51,180	3,329	54,509
MIDDLE ATLANTIC.....	512,716	139,630	---	---	---	55,506	596,285	16,892	613,177
New York.....	197,760	89,612	---	---	---	28,801	258,572	6,315	264,887
New Jersey.....	129,963	24,868	---	---	---	10,371	144,460	---	144,460
Pennsylvania.....	184,439	25,149	---	---	---	16,335	193,253	10,577	203,830
EAST NORTH CENTRAL.....	507,301	172,462	172,462	---	---	43,653	636,111	97,652	733,763
Ohio.....	192,835	65,508	65,508	---	---	14,409	243,935	13,471	257,405
Indiana.....	38,150	4,152	4,152	---	---	5,357	36,945	1,127	38,072
Illinois.....	160,116	46,803	46,803	---	---	9,687	197,231	70,185	267,416
Michigan.....	100,683	52,370	52,370	---	---	12,002	141,050	4,105	145,155
Wisconsin.....	15,517	3,629	3,629	---	---	2,197	16,949	2,765	25,714
WEST NORTH CENTRAL.....	193,315	64,291	59,529	3,885	877	19,857	237,748	9,470	247,218
Minnesota.....	49,790	14,210	14,210	---	---	5,045	58,955	4,343	63,299
Iowa.....	38,994	18,799	18,648	---	151	5,027	52,766	971	53,737
Missouri.....	33,747	8,166	8,166	---	---	4,074	37,239	---	37,239
North Dakota.....	6,715	725	---	---	725	533	6,907	328	7,235

See footnotes at end of table.

South Dakota	4,767	1,831	1,831	1,831	534	6,063	2,396	8,459
Nebraska	18,732	2,054	2,054	2,054	97	20,690	1,431	22,120
Kansas	40,569	18,505	18,505	18,505	3,946	55,129	-----	55,129
SOUTH ATLANTIC	256,485	64,610	64,610	64,610	17,652	303,443	3,657	307,101
Delaware	3,236	2,394	2,394	2,394	222	5,408	-----	5,408
Maryland	71,032	15,118	15,118	15,118	4,851	81,299	44	81,343
Virginia ¹	428,000	1,749	1,749	1,749	1,602	28,147	-----	28,147
West Virginia	1,236	1,173	1,173	1,173	688	11,720	978	12,698
North Carolina	52,417	19,515	19,515	19,515	3,894	68,037	-----	68,037
South Carolina	19,243	6,487	6,487	6,487	1,986	24,144	-----	24,144
Georgia	27,324	7,333	7,333	7,333	1,476	33,180	-----	33,180
Florida	43,998	10,842	10,842	10,842	3,334	51,506	2,636	54,142
EAST SOUTH CENTRAL	68,699	17,931	17,931	17,931	3,359	83,271	2,186	85,458
Kentucky	17,079	6,166	6,166	6,166	1,035	22,210	2,186	24,396
Tennessee ²	430,000	8,957	8,957	8,957	1,108	37,849	-----	37,849
Alabama	19,012	2,271	2,271	2,271	1,038	20,245	-----	20,245
Mississippi ¹	2,669	537	537	537	178	2,968	-----	2,968
WEST SOUTH CENTRAL	356,620	113,599	113,599	113,599	19,422	455,332	7,522	462,853
Arkansas	32,029	20,999	20,999	20,999	2,189	50,840	276	51,116
Louisiana	59,765	15,418	15,418	15,418	3,236	71,947	1,945	73,891
Oklahoma	35,000	3,333	3,333	3,333	1,600	36,733	-----	36,733
Texas	229,826	78,383	78,383	78,383	12,396	295,812	5,301	301,113
MOUNTAIN	129,978	33,629	33,629	33,629	11,375	152,232	2,786	155,017
Montana	12,529	3,089	3,089	3,089	2,131	13,487	-----	13,487
Idaho	9,232	5,652	5,652	5,652	1,141	13,743	533	14,276
Wyoming	8,876	4,780	4,780	4,780	817	12,839	384	13,223
Colorado	40,223	7,962	7,962	7,962	2,573	45,611	1,868	47,480
New Mexico ²	15,073	6,845	6,845	6,845	6,975	14,943	-----	14,943
Arizona	24,281	2,244	2,244	2,244	2,249	24,276	-----	24,276
Utah	14,270	6,008	6,008	6,008	994	19,284	-----	19,284
Nevada	5,494	3,049	3,049	3,049	495	8,049	-----	8,049
PACIFIC	410,976	132,062	132,062	132,062	30,432	580,606	1,965	582,571
Washington	38,771	12,719	12,719	12,719	3,279	48,211	-----	48,211
Oregon	32,548	14,392	14,392	14,392	2,512	46,393	-----	46,393
California	407,657	104,951	104,951	104,951	24,641	487,967	1,965	487,967

¹ Statistics for 1948, cities only.
Includes \$7,801,830 "other long term debt."
Statistics, 1948.

⁴ Estimated.
⁵ Statistics for cities only.
⁶ Statistics from Bureau of the Census.

Table 35.—Status of retirement funds for employees of public elementary and secondary schools, by State: 1949-50

[Thousands of dollars]

State, by region	1	Balance at beginning of year, cash reserves, and investments	Amount added during the year by—				Earnings and other receipts	Payment: Losses, retirements, and expenses of operation	Balance on hand at end of year, cash reserves and investments
			Total	State	Local unit	Participants			
		2	3	4	5	6	7	8	9
Continental United States									
NEW ENGLAND									
Maine		5,059	1,957	859	137	825	136	782	6,234
New Hampshire		2,646	728	32	333	295	117	2,257	3,413
Vermont		1,112	1,112	582	—	451	69	180	109,014
Massachusetts ¹		106,021	17,827	4,688	1,852	4,760	6,527	14,834	6,321
Rhode Island ²		5,814	1,287	539	—	269	158	780	40,345
Connecticut ³		35,681	7,047	3,069	310	2,624	1,044	2,383	1,129,860
MIDDLE ATLANTIC		1,050,137	129,617	34,226	31,906	33,116	30,369	49,894	625,206
New York ⁴		579,120	75,192	12,701	26,489	18,097	17,905	29,107	180,721
New Jersey		168,574	19,739	8,165	—	6,436	5,138	7,591	323,933
Pennsylvania		302,443	34,686	13,360	5,417	8,583	7,326	13,196	460,811
EAST NORTH CENTRAL		419,171	86,254	19,573	16,173	31,044	19,464	44,615	172,200
Ohio		159,461	21,324	—	9,471	7,145	4,708	8,586	59,968
Indiana		58,937	10,247	3,171	—	4,081	2,995	9,216	61,966
Illinois ⁵		53,882	24,826	4,715	4,578	8,124	7,400	16,742	52,737
Michigan ⁶		41,912	17,289	7,771	1,000	7,400	1,058	6,404	113,880
Wisconsin ⁷		104,979	12,568	3,916	1,124	4,234	3,294	3,667	78,207
WEST NORTH CENTRAL		64,278	22,158	1,564	9,954	7,437	3,203	8,229	33,411
Minnesota ⁸		30,167	5,877	353	1,752	1,748	2,024	2,633	13,724
Iowa ⁹		8,973	5,636	31	5,048	387	170	885	15,689
Missouri ¹⁰		11,905	2,284	—	2,284	2,073	627	1,200	4,040
North Dakota		3,366	1,000	—	429	450	121	326	1,354
South Dakota		1,044	326	105	—	196	25	16	2,301
Nebraska ¹¹		2,295	2,295	850	211	1,169	65	2,301	7,220
Kansas ¹²		6,048	2,040	225	—	1,414	171	868	230,907
SOUTH ATLANTIC		187,057	54,995	20,900	7,673	21,194	5,228	11,145	506
Delaware ¹³		478	72	—	18	42	12	44	76,526
Maryland ¹⁴		68,382	11,097	2,315	3,307	3,490	1,985	2,953	1,166
Virginia ²		14,628	5,303	3,068	—	3,824	411	1,545	23,154
West Virginia ¹⁵		18,621	6,078	2,951	18	2,538	571	—	—

See footnotes at end of table.

North Carolina.....	39,534	12,515	5,257	1,292	4,835	1,131	1,315	50,734
South Carolina ¹⁶	2,830	2,830	2,830	---	---	---	---	2,830
Georgia ¹⁷	6,852	3,085	3,085	550	2,810	407	755	21,950
Florida.....	13,991	7,316	1,394	781	4,881	260	1,891	19,416
District of Columbia.....	15,570	2,932	---	1,707	774	451	1,476	17,026
EAST SOUTH CENTRAL.....	51,237	16,670	8,057	232	6,599	1,782	2,887	65,021
Kentucky.....	15,156	3,091	1,479	---	1,183	429	567	17,681
Tennessee ¹⁸	9,560	2,257	2,257	232	2,457	435	1,401	13,580
Alabama.....	21,905	6,731	3,910	---	2,010	811	595	28,041
Mississippi.....	4,626	1,467	411	---	949	107	354	5,769
WEST SOUTH CENTRAL.....	132,803	43,472	21,439	760	17,177	4,096	11,218	165,057
Arkansas.....	7,876	2,874	962	43	1,629	240	825	9,925
Louisiana ¹⁹	38,404	10,945	5,726	717	3,398	1,104	1,553	47,796
Oklahoma.....	8,436	3,594	1,000	---	2,370	224	533	11,497
Texas.....	78,087	26,059	13,751	---	9,780	2,528	8,307	95,839
MOUNTAIN.....	27,503	13,248	2,433	3,450	6,363	1,002	3,802	36,949
Montana.....	3,380	1,739	---	620	977	142	753	4,366
Idaho.....	2,791	2,123	500	459	1,081	83	406	4,508
Wyoming.....	636	334	8	155	164	7	104	866
Colorado ²⁰	3,865	2,624	408	1,168	916	132	642	5,847
New Mexico.....	1,185	871	662	---	---	209	517	1,539
Arizona.....	5,306	2,043	211	612	1,089	131	343	7,006
Utah ²¹	9,767	2,323	516	2	1,567	238	828	11,262
Nevada.....	573	1,191	128	434	569	60	209	1,555
PACIFIC.....	139,873	36,075	11,334	5,194	15,803	3,744	14,944	161,004
Washington.....	24,166	8,282	4,324	---	3,235	723	4,050	28,398
Oregon ²	4,351	630	---	278	3,066	46	408	5,513
California ²	111,356	27,163	7,010	4,916	12,262	2,975	10,426	128,093
Outlying parts of the United States								
Alaska.....	160	127	16	---	53	59	26	262
Hawaii.....	42,362	8,253	2,635	1,486	2,422	1,712	1,629	48,988
Puerto Rico.....	1,255	911	470	---	441	---	728	1,407
Virgin Islands.....	39	19	10	---	9	---	32	26

¹ Including State and Boston funds.² Statistics, 1947-48.³ Including State fund and an estimate for Hartford of \$310,000 in columns 3, 5, and 8.⁴ Including State and New York City funds.⁵ Including State and Chicago funds.⁶ Including State and Detroit funds.⁷ Including State and Milwaukee funds.⁸ Including State and Duluth, Minneapolis, and St. Paul funds.⁹ Including State and Cedar Rapids, Clinton, Des Moines, Sioux City, Mason City, and Dubuque funds.¹⁰ Including State and Kansas City, St. Louis, and St. Joseph funds.¹¹ Includes State and Omaha funds.¹² Includes State and Atchison, Fort Scott, Hutchinson, Kansas City, Leavenworth, Parsons, Pittsburg, Salina and Topeka funds; excludes Coffeyville fund.¹³ Includes data for Wilmington fund only. Excludes State fund.¹⁴ Includes State and Baltimore funds.¹⁵ Includes State and Wood County funds.¹⁶ Incomplete data.¹⁷ Includes State and Savannah funds. Excludes Fulton County, Atlanta, and Rome funds.¹⁸ Includes State and Davidson County, Memphis and Nashville funds. Excludes Chattanooga, Knoxville, and Tusculum County funds.¹⁹ Includes State and Denver funds.²⁰ Includes State and New Orleans funds.²¹ Includes State, Ogden and Provo funds. Excludes the Salt Lake City fund.

Table 36.—Statistical summary of Negro public elementary and secondary schools in 17 Southern States and the District of Columbia, 1919-20 to 1949-50

Item	1919-20	1929-30	1939-40	1947-48	1949-50
1	2	3	4	5	6
Total population ¹	9,090,532	9,585,417	10,275,347	-----	-----
Negro children 5-17 years of age, inclusive.....	2,899,246	2,902,657	2,827,565	-----	-----
Enrollment of pupils:					
Elementary grades:					
Boys.....	992,401	1,039,227	1,072,281	1,011,476	1,043,658
Girls.....	1,077,973	1,130,765	1,101,981	995,360	1,015,256
Total.....	2,070,374	2,169,992	2,174,262	2,006,836	2,058,914
High-school grades:					
Boys.....	12,392	40,533	102,678	124,082	144,820
Girls.....	20,949	72,053	151,902	175,144	193,212
Total.....	33,341	112,586	254,580	299,226	338,032
Total enrolled in elementary and high-school grades:					
Boys.....	1,004,793	1,079,760	1,174,959	1,135,558	1,188,478
Girls.....	1,098,922	1,202,818	1,253,883	1,170,504	1,208,468
Total.....	2,103,715	2,282,578	2,428,842	2,306,062	2,396,946
Average daily attendance.....	1,416,206	1,645,518	1,953,401	1,922,381	2,044,518
Total number of days attended by all pupils enrolled.....	168,414,206	217,754,344	305,344,350	329,914,879	354,606,908
Average number of days attended by each pupil enrolled during the year.....	80	97	126	143	148
Average length of school term in days.....	119	132	156	172	173
Percent of enrolled pupils in daily attendance.....	67.3	72.1	80.4	83.4	85.3
Percent of pupils in secondary grades.....	1.6	4.9	10.5	13.0	14.1
Percent of school population enrolled.....	72.6	78.6	85.6	-----	-----
Instructional staff:					
Elementary schools:					
Supervisors.....	(²)	(²)	198	261	276
Principals.....	(²)	(²)	365	1,536	1,616
Men teachers.....	6,398	6,246	7,883	3,846	4,308
Women teachers.....	31,227	39,801	46,098	48,037	48,971
High schools:					
Supervisors.....	(²)	(²)	34	94	99
Principals.....	(²)	(²)	599	1,147	1,206
Men teachers.....	457	2,395	4,575	5,722	7,091
Women teachers.....	478	2,836	4,724	9,507	10,991
Total number of instructional staff.....	38,560	51,278	64,476	70,150	74,558
Average salary per member of instructional staff (for States reporting) ³	-----	-----	\$601	\$1,738	⁴ \$2,143
Average salary per member of instructional staff (for States reporting) ⁵	-----	-----	1,016	1,761	2,143
High-school graduates:					
Boys.....	-----	-----	11,014	15,502	18,459
Girls.....	-----	-----	18,995	23,121	26,832
Total.....	-----	-----	30,009	38,623	45,291

¹ U. S. Bureau of the Census. ² Included with teachers.³ Unadjusted for changes in purchasing power of the dollar.⁴ States listed in table 43.⁵ Adjusted for purchasing power in 1949-50 dollars.

Table 37.—Instructional staff and number of clerical assistants in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia: 1949-50

INSTRUCTIONAL STAFF																			CLERICAL ASSISTANTS	
State	Supervisors				Principals			Teachers and other instructional staff											Full-time	Part-time
	Total including undistributed	Elementary	Second-ary	Total, including undistributed	Elementary	Second-ary	Total		Elementary		Secondary									
							Total	Men	Women	Total	Men	Women	Total	Men	Women					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
Total	74,558	375			2,922			71,361	11,399	59,962	53,279	4,308	43,971	18,032	7,091	10,991				
Alabama	7,358	47			126	45	81	7,185	992	6,193	4,878	184	4,694	2,307	808	1,499				
Arkansas	2,739				113	40	73	2,626	445	2,181	1,856	179	1,677	770	266	504	8	15		
Delaware	299	1			17	10	7	281	71	210	192	21	171	89	50	39	2			
Florida	4,269	22			139			4,108	575	3,533	2,709	102	2,607	1,399	473	926				
Georgia	7,340	91			73			7,176	901	6,275	5,611	230	5,381	1,565	671	894	31			
Kentucky	1,398	5	3	2	56	28	28	1,337	241	1,096	894	66	828	443	175	268				
Louisiana	5,471	29			343			5,099	699	4,400	3,993	281	3,712	1,106	418	688				
Maryland	2,429	37			90	51	39	2,302	446	1,856	1,515	158	1,357	787	288	499				
Mississippi	6,620	2	2		66	11	55	6,552	867	5,685	5,603	495	5,108	949	372	577				
Missouri	1,800				117	66	51	1,683	309	1,374	1,270	96	1,174	413	213	200				
North Carolina	7,952				385			7,567	1,292	6,275	6,125	699	5,426	1,442	593	849				
Oklahoma	1,573				222	133	89	1,351	244	1,107	878	70	808	473	174	299				
South Carolina	6,918				60	23	37	6,858	1,020	5,838	5,622	487	5,135	1,236	533	703				
Tennessee	3,308							3,308	653	2,655	2,679	481	2,248	629	222	407				
Texas	7,505	40			165	87	78	7,300	1,578	5,722	5,081	555	4,526	2,219	1,023	1,196	106			
Virginia	5,075	82			622			4,371	532	3,839	3,096	103	2,993	1,275	429	846	73	74		
West Virginia	971				160			811	250	561	467	98	369	344	152	192				
District of Columbia	1,533	19	8	11	68	40	28	1,446	284	1,162	810	53	757	636	231	405	41			

Table 38.—Percent of men teachers in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, for specified years

State	1919-20	1929-30	1931-32	1933-34	1935-36	1937-38	1939-40	1941-42	1943-44	1945-46	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10	11	12	13
17 States and the District of Columbia-----	17.8	16.4	17.2	18.7	19.4	18.9	19.7	18.6	12.5	12.5	14.3	16.0
Alabama-----	20.7	13.2	13.7	15.2	15.9	15.7	16.9	16.1	10.5	10.2	11.6	13.8
Arkansas-----	27.8	25.1	26.0	23.5	22.3	24.7	24.4	22.6	16.4	13.2	17.1	16.9
Delaware-----	10.0	14.8	15.8	17.4	19.5	19.3	20.4	21.4	17.8	20.9	23.1	25.3
Florida-----	17.0	12.2	13.8	17.3	18.0	18.4	17.3	16.8	9.2	10.3	11.9	14.0
Georgia-----	9.2	10.2	10.9	12.2	12.2	14.0	14.9	13.0	9.0	8.9	11.2	12.6
Kentucky-----	20.3	20.3	20.2	22.9	18.9	21.0	28.8	20.5	14.3	16.3	17.9	18.0
Louisiana-----	19.3	14.3	15.8	16.9	17.1	18.2	19.3	17.9	10.7	9.4	10.2	13.7
Maryland-----	16.2	17.3	16.8	18.8	18.9	18.1	19.1	19.7	15.4	15.3	18.9	19.4
Mississippi-----	3.0	18.4	19.7	21.4	21.4	19.4	20.8	19.8	11.3	11.4	11.2	13.2
Missouri-----	24.3	23.3	33.4	24.7	29.0	25.2	26.8	24.3	19.1	21.1	20.3	18.4
North Carolina-----	17.8	15.7	16.6	18.3	18.6	18.9	17.6	17.2	12.1	12.5	15.4	17.1
Oklahoma-----	31.0	23.7	23.4	27.8	28.0	28.0	28.0	28.0	15.6	16.3	20.0	18.1
South Carolina-----	20.3	16.6	16.7	17.4	17.4	17.3	18.2	17.0	11.4	11.3	13.4	14.9
Tennessee-----	22.1	20.4	20.9	22.6	23.8	24.1	23.5	23.5	16.5	17.4	18.7	19.7
Texas-----	31.7	20.2	20.4	20.1	23.7	21.1	21.6	22.0	14.2	14.8	18.1	21.6
Virginia-----	12.2	12.1	12.9	16.0	16.7	15.6	17.7	15.1	13.8	9.5	11.3	12.2
West Virginia-----	20.9	17.6	19.8	23.8	26.9	27.0	29.3	28.1	24.7	25.0	22.0	30.8
District of Columbia-----	20.3	16.5	14.4	18.3	18.6	16.6	17.5	17.7	15.4	16.9	20.2	19.6

Table 39.—Number of pupils enrolled, by grade, in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia, for specified years

Item	1938-39 ¹	1939-40	1940-41 ¹	1941-42	1942-43 ¹	1943-44	1944-45 ¹	1945-46	1946-47 ¹	1947-48	1948-49 ¹	1949-50
1	2	3	4	5	6	7	8	9	10	11	12	13
Total enrollment	2,420,404	2,428,842	2,407,657	2,386,471	2,331,607	2,276,742	2,271,431	2,266,220	2,286,141	2,306,062	2,351,504	2,396,946
Elementary schools.....	2,189,172	2,174,262	2,143,775	2,113,288	2,071,328	2,029,368	2,011,712	1,994,057	2,000,447	2,006,836	2,032,875	2,058,914
High schools.....	231,232	254,580	263,882	273,183	260,279	247,374	259,769	272,163	285,694	299,226	318,629	338,032
Number in each grade:												
Kindergarten.....	6,853	7,621	7,480	7,339	7,927	8,515	9,519	10,523	12,118	13,714	13,966	14,218
First.....	632,468	612,919	593,369	593,369	566,566	539,782	525,339	510,915	496,112	481,309	473,704	466,099
Second.....	311,405	304,753	302,079	294,753	288,461	282,170	280,640	279,112	281,577	284,041	286,110	288,179
Third.....	316,407	307,979	302,079	294,753	288,461	282,170	280,640	279,112	281,577	284,041	286,110	288,179
Fourth.....	298,675	274,420	265,633	256,843	255,859	254,872	251,583	248,293	247,998	247,703	253,336	258,969
Fifth.....	274,588	274,420	265,633	256,843	255,859	254,872	251,583	248,293	247,998	247,703	253,336	258,969
Sixth.....	233,118	238,198	236,259	234,320	229,915	223,311	224,707	222,603	222,042	221,481	226,846	232,212
Seventh.....	191,967	198,234	198,054	197,874	197,086	196,298	194,707	193,116	194,556	195,996	201,085	206,173
Eighth.....	151,997	159,475	165,724	171,974	167,802	163,629	164,723	163,818	170,546	175,273	177,821	180,369
Ninth.....	56,713	57,403	67,116	76,829	81,851	86,874	94,658	101,855	112,260	122,079	132,065	142,052
Tenth.....	89,724	99,094	101,017	102,939	101,044	99,148	100,502	101,855	106,815	111,776	118,119	124,461
Eleventh.....	62,790	69,244	71,558	74,272	71,338	68,404	72,595	76,786	79,587	82,388	88,795	95,202
Twelfth.....	44,785	49,300	51,899	54,498	51,097	47,695	51,313	54,932	56,064	58,396	63,537	68,678
Postgraduate.....	32,942	36,208	38,354	40,500	36,244	31,989	35,228	38,466	42,539	46,611	48,087	51,564
Percent in each grade:												
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Kindergarten.....	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.6
First.....	27.2	26.0	25.3	24.9	24.3	23.7	23.1	22.6	21.7	20.9	20.1	19.5
Second.....	13.1	12.8	12.6	12.4	12.4	12.4	12.4	12.3	12.3	12.3	12.2	12.0
Third.....	12.3	12.1	11.9	11.7	11.8	11.9	11.6	11.3	11.5	11.5	11.4	11.3
Fourth.....	11.4	11.3	11.0	10.8	11.0	11.2	11.1	11.0	10.9	10.7	10.8	10.8
Fifth.....	9.6	9.8	9.8	9.8	9.9	9.9	9.9	9.8	9.7	9.6	9.6	9.7
Sixth.....	7.9	8.2	8.2	8.3	8.4	8.6	8.6	8.5	8.5	8.5	8.6	8.6
Seventh.....	6.3	6.6	6.9	7.2	7.2	7.3	7.3	7.5	7.5	7.6	7.6	7.5
Eighth.....	2.3	2.4	2.8	3.2	3.5	3.8	4.2	4.5	4.9	5.3	5.6	5.9
Ninth.....	3.7	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.7	4.9	5.0	5.2
Tenth.....	2.6	2.9	3.0	3.1	3.1	3.0	3.2	3.4	3.5	3.6	3.8	4.0
Eleventh.....	1.9	2.0	2.2	2.3	2.2	2.1	2.3	2.4	2.5	2.5	2.7	2.9
Twelfth.....	1.4	1.5	1.6	1.7	1.6	1.4	1.6	1.7	1.8	2.0	2.0	2.0
Postgraduate ²	—	—	—	—	—	—	—	—	—	—	—	—

¹ Estimated from other years.

² The class in the first grade in 1938-39.

³ Less than 0.05 per cent.

Table 40.—Number of pupils enrolled, by grade, in Negro public elementary and secondary day schools, in 17 Southern States and the District of Columbia: 1949-50

State	Total	Elementary pupils										Secondary pupils					
		Total	Kinder- garten	First grade	Second grade	Third grade	Fourth grade	Fifth grade	Sixth grade	Seventh grade	Eighth grade	Total	First year	Second year	Third year	Fourth year	Post- gradu- ate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Total	2,396,916	2,053,914	14,218	466,099	288,179	270,643	253,969	232,212	206,173	180,369	142,252	338,032	124,461	95,202	68,678	49,568	127
Alabama	242,287	206,989	---	46,432	28,430	27,104	26,060	23,294	21,377	18,676	15,616	35,298	13,107	9,853	7,120	5,218	---
Arkansas	101,797	89,035	---	22,586	11,461	11,366	10,834	10,037	8,814	7,516	6,421	12,762	4,964	3,413	2,476	1,909	---
Delaware	8,220	6,954	123	1,193	1,005	955	839	759	771	703	606	1,266	488	406	212	160	---
Florida	116,382	97,508	128	17,753	14,258	13,312	12,837	11,739	10,472	9,216	7,793	18,874	6,242	5,443	3,767	3,422	---
Georgia	250,667	215,985	502	55,678	33,270	30,356	28,988	24,819	21,093	17,571	3,708	34,882	13,357	9,433	6,966	4,926	---
Kentucky	37,124	30,418	774	5,333	4,050	3,870	3,697	3,510	3,171	3,213	2,800	6,706	2,368	1,770	1,443	1,125	---
Louisiana	183,597	162,513	1,197	36,193	24,606	22,497	20,972	18,563	15,722	12,640	10,123	21,084	8,163	6,046	3,962	2,880	31
Maryland	73,601	62,301	2,779	9,447	8,750	8,323	8,794	7,435	6,111	5,582	4,780	11,300	3,734	3,888	2,395	1,282	1
Mississippi	263,797	243,800	---	79,146	31,549	30,011	27,999	24,254	20,251	16,649	13,941	19,997	8,162	5,602	3,753	2,480	---
Missouri	56,316	46,678	3,358	9,052	5,718	5,700	5,402	5,111	4,597	4,220	3,520	9,638	3,475	2,800	1,894	1,469	---
North Carolina	267,095	222,811	---	41,903	31,435	29,796	28,667	26,449	23,790	21,623	19,148	44,284	16,242	12,176	8,970	6,821	75
Oklahoma	37,693	29,675	567	5,787	3,552	3,546	3,282	3,362	3,269	3,261	3,019	8,018	2,841	2,159	1,536	1,476	6
South Carolina	221,880	196,860	---	47,454	28,574	25,971	24,410	21,286	18,986	17,042	13,137	25,020	9,519	7,091	5,010	3,400	---
Tennessee	106,927	88,806	---	16,303	12,548	11,933	11,192	10,477	9,840	8,850	7,663	18,121	6,617	4,919	3,669	2,916	---
Texas	201,253	165,881	150	34,886	22,266	21,519	20,625	19,201	17,738	15,530	13,966	35,372	12,251	9,506	7,453	6,159	---
Virginia	157,060	135,844	1,842	27,515	19,165	17,231	17,721	15,816	13,923	12,213	10,418	21,216	7,805	6,670	5,133	1,608	---
West Virginia	25,500	19,619	---	3,371	2,727	2,557	2,416	2,322	2,207	2,041	1,978	5,881	1,885	1,553	1,324	1,105	14
District of Columbia	45,750	37,237	2,798	6,067	4,815	4,596	4,234	3,748	3,741	3,823	3,415	8,513	3,239	2,471	1,595	1,208	---

Table 41.—Number of pupils enrolled, number of high-school graduates, and enrollment in 1-, 2-, and 3-teacher schools in Negro public elementary and secondary day schools in 17 Southern States and the District of Columbia: 1949-50

State	ENROLLMENT OF PUPILS						HIGH-SCHOOL GRADUATES			1-, 2-, AND 3-TEACHER SCHOOLS								
	Total			Elementary schools			Secondary schools			1-teacher		2-teacher		3-teacher				
	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Num-ber	Enroll-ment	Num-ber	Enroll-ment	Num-ber	Enroll-ment			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
17 States and the District of Columbia.	2,396,946	1,188,478	1,208,468	2,038,914	1,013,653	1,015,256	338,032	144,820	193,212	45,291	18,459	26,832	7,905					
Alabama	242,287	118,920	123,367	206,989	104,212	102,777	35,298	14,708	20,590	14,696	11,861	12,835	695		486		195	
Arkansas	101,797	51,036	50,761	89,035	45,421	43,614	12,762	5,615	7,147	1,669	777	892	309	11,791	162	12,889	73	9,276
Delaware	8,220	4,249	3,971	6,954	3,614	3,340	1,266	635	631	237	104	133	31	468	13	738	3	241
Florida	116,382	57,867	58,515	97,508	49,086	48,422	18,874	8,781	10,093	2,829	1,376	1,453	215	5,415	116	6,562	60	4,984
Georgia	250,667	123,194	127,473	215,985	109,128	106,857	34,082	14,066	20,916	3,344	1,241	2,103	1,254	45,910	482	33,382	129	12,168
Kentucky	37,124	18,666	18,458	30,418	15,540	14,878	6,706	3,126	5,580	1,099	454	645	278		349		19	
Louisiana	183,597	90,974	92,623	162,513	82,511	80,002	21,084	8,463	12,621	2,449	827	1,622	500	15,558	343	21,194	148	15,193
Maryland	73,601	36,930	36,671	62,301	31,568	30,733	11,300	5,362	5,938	1,154	478	676	63	1,827	95	6,073	32	3,437
Mississippi	263,797	132,613	131,184	243,800	124,431	119,369	19,997	8,182	11,815	2,232	861	1,371	1,718		758		169	
Missouri	56,316	28,245	28,071	46,678	23,877	22,801	9,638	4,368	5,270	1,322	542	780	299					
North Carolina	267,095	130,263	136,832	222,811	112,431	110,380	44,284	17,832	26,452	6,259	2,482	3,777	284		389		232	
Oklahoma	37,693	18,615	19,078	29,675	14,811	14,864	8,018	3,804	4,214	1,475	721	754	125	2,412	3	3,671	11	1,218
South Carolina	221,880	108,325	113,555	196,860	98,493	98,367	25,020	9,832	15,188	2,479	951	1,528	917	19,760	952	35,232	389	22,230
Tennessee	106,927	53,267	53,660	88,806	45,165	43,641	18,121	8,102	10,019	2,605	1,135	1,470	458		228		228	
Texas	201,253	101,366	99,887	165,881	85,113	80,768	35,372	16,253	19,119	5,418	2,243	3,175	244	5,504	156	7,425	65	4,790
Virginia	157,060	78,772	78,288	135,844	69,486	66,358	21,216	9,286	11,930	4,057	1,627	2,430	576		330		108	
West Virginia	25,500	12,812	12,688	19,619	9,969	9,650	5,881	2,843	3,038	971	416	555	2138					
District of Columbia	45,750	22,364	23,386	37,237	18,802	18,435	8,513	3,562	4,951	996	363	633	1					

¹ Estimated.

² Statistics, 1945-46.

³ Statistics, 1947-48.

Table 42.—School attendance and average length of school term for Negro public day schools in 17 Southern States and the District of Columbia: 1949-50

State	Average daily attendance 1949-50 (thousands)			Aggregate days attended 1949-50 (thousands)			Average length of school term, for specified years								Average number of days attended by each pupil enrolled, 1949-50	Percent of pupils enrolled attending daily, 1949-50	
	Total	Ele- men- tary	Second- ary	Total	Elemen- tary	Second- ary	1919- 20	1929- 30	1939- 40	1943- 44	1945- 46	1947- 48	1949-50				
													Total	Ele- men- tary	Second- ary		
I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
17 States and the Dis- trict of Columbia	2,045	1,659	386	354,607	286,046	68,561	120	132	156	164.0	170.1	171.6	173.4	172.4	177.8	147.9	85.3
Alabama	207	147	60	36,482	25,889	10,593	115	130	147	166.1	167.2	176.5	176.5	176.4	176.7	150.6	85.3
Arkansas	84	62	22	14,358	10,637	3,721	112	131	144	141.8	151.3	166.1	172.1	172.0	172.0	141.0	82.0
Delaware	64	47	17	11,844	8,636	3,208	161	178	187	186.5	186.0	185.9	183.9	183.6	184.6	160.9	87.5
Florida	105	76	29	18,968	13,886	5,282	111	132	164	168.2	176.3	180.1	180.1	180.1	180.1	163.0	90.5
Georgia	206	175	31	36,322	30,765	5,557	132	136	155	165.0	179.0	174.9	176.0	176.0	176.0	144.9	82.3
Kentucky	32	23	9	5,467	3,929	1,538	---	159	170	171.6	173.1	176.6	174.0	171.6	180.4	147.3	84.6
Louisiana	157	139	18	28,008	24,701	3,307	114	106	151	156.7	160.0	166.8	178.0	178.0	178.0	152.6	85.7
Maryland	64	47	17	11,844	8,636	3,208	161	178	187	186.5	186.0	185.9	183.9	183.6	184.6	160.9	87.5
Mississippi	226	208	18	31,905	28,952	2,953	---	99	124	130.0	140.7	140.9	141.3	139.0	168.0	120.9	85.6
Missouri	49	40	9	9,125	7,403	1,722	---	---	187	193.9	192.3	192.9	187.9	187.8	188.1	162.0	86.3
North Carolina	233	195	38	41,931	34,995	6,936	127	141	164	179.9	179.9	179.9	179.9	179.9	179.9	157.0	87.3
Oklahoma	31	24	7	5,621	4,416	1,205	---	169	175	175.8	175.0	175.0	180.0	180.0	180.0	149.1	82.8
South Carolina	178	148	30	31,006	25,677	5,329	84	117	147	160.4	164.2	169.3	174.0	173.0	179.1	139.7	80.3
Tennessee	94	78	16	16,689	13,868	2,821	---	156	167	169.0	171.5	177.5	177.0	177.0	177.0	156.1	88.2
Texas	169	139	30	29,519	24,370	5,149	---	133	162	166.2	169.0	171.5	174.9	175.0	174.8	146.7	83.8
Virginia	138	110	28	24,794	19,748	5,046	147	154	180	180.0	180.0	180.0	180.0	180.0	180.0	157.9	87.7
West Virginia	24	16	8	4,211	2,809	1,402	137	172	176	173.7	175.7	175.0	175.2	175.2	175.2	165.1	94.3
District of Columbia	41	27	14	7,046	4,508	2,458	178	175	179	177.0	177.3	176.2	173.5	170.8	178.9	154.0	88.8

Table 43.—*White and Negro enrollment, instructional staff, teacher load, length of school term, attendance, and unit expenditures in 17 Southern States and the District of Columbia: 1949-50*

State	Enrollment in public schools		Instructional staff		Enrollment per instructional staff member		Length of school term in days		Average number of days attended by each pupil enrolled		Percent of pupils attending daily		Percent of school term not attended		Average annual salary per unit of instructional staff		Current expenditure per pupil in average daily attendance	
	White	Negro	White	Negro	White	Negro	White	Negro	White	Negro	White	Negro	White	Negro	White	Negro	White	Negro
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
17 States and the District of Columbia	7,424,114	2,396,946	272,365	74,558	27	32	177.1	173.4	157.0	147.9	88.6	85.3	11.4	14.7	—	—	—	—
Alabama	437,779	242,287	14,989	7,358	29	33	176.2	176.5	156.1	150.6	84.7	85.3	15.3	14.7	\$2,214	\$1,901	\$130.09	\$92.69
Arkansas	305,287	101,797	10,647	2,739	29	37	174.5	172.1	155.2	141.0	89.0	82.0	11.0	18.0	1,900	1,416	123.60	73.03
Delaware	37,835	8,220	1,668	299	23	28	181.8	182.8	161.9	159.5	89.1	87.3	10.9	12.7	—	—	—	—
Florida	333,454	116,382	13,641	4,269	24	27	180.1	180.1	167.3	163.0	92.9	90.5	7.1	9.5	3,056	2,643	196.42	136.71
Georgia	467,370	250,667	17,616	7,340	27	34	179.0	176.0	158.4	144.9	88.5	82.3	11.5	17.3	2,080	1,680	145.15	79.73
Kentucky	525,759	37,124	17,832	1,398	29	27	171.1	174.0	147.3	147.3	86.1	84.6	13.9	14.0	—	—	—	—
Louisiana	299,766	183,597	11,371	5,471	26	34	179.6	178.0	157.8	152.6	87.9	85.7	12.1	14.3	3,222	2,486	—	—
Maryland	261,417	73,601	9,285	2,429	26	30	184.2	183.9	165.0	160.9	89.6	87.5	10.4	12.5	3,600	3,575	217.41	198.76
Mississippi	263,643	263,797	9,280	6,620	28	40	162.9	141.3	152.2	120.9	93.4	85.6	6.6	14.4	1,884	760	122.93	32.55
Missouri	588,141	56,316	21,289	1,800	28	31	178.2	187.9	154.4	162.0	86.6	86.3	13.4	13.7	—	—	—	—
North Carolina	617,638	267,095	21,182	7,952	29	34	179.9	179.9	164.5	157.0	91.4	87.3	8.6	12.7	2,675	2,721	148.21	122.90
Oklahoma	403,570	37,693	16,597	1,573	24	24	184.5	180.0	165.9	149.1	89.9	82.8	10.1	17.2	—	—	—	—
South Carolina	272,305	221,880	10,047	6,918	27	32	180.0	174.0	155.6	139.7	86.4	80.3	13.6	19.7	2,149	1,515	154.62	79.82
Tennessee	552,858	106,927	18,894	3,398	29	32	176.7	177.0	156.2	156.1	88.4	88.2	11.6	11.8	—	—	—	—
Texas	1,152,914	201,253	44,671	7,505	26	27	174.5	174.9	149.6	146.7	85.7	83.8	14.3	16.2	3,154	2,984	—	—
Virginia	440,807	157,060	16,299	5,075	27	31	180.0	180.0	163.0	157.9	90.5	87.7	9.5	12.3	—	—	—	—
West Virginia	412,998	25,500	15,059	971	27	26	175.0	175.2	158.9	165.1	90.8	94.3	9.2	5.7	—	—	—	—
District of Columbia	50,573	45,750	1,998	1,533	25	30	178.5	173.5	152.2	154.0	85.2	88.8	14.8	11.2	3,963	3,863	289.68	220.74

Table 44.—Current expenditure for administration, instruction, operation and maintenance of plant, and auxiliary services in Negro public schools in 10 States and the District of Columbia keeping separate records: 1949-50

[Thousands of dollars]

State	Adminis- tration (general control)	Instruction				Operation			Main- tenance	Auxiliary services					Communi- ty services (not charge- able to pupils)
		Total	Salaries of instruc- tional staff	Pay- ments for text- books	Other expense of instruc- tion	Total	Wages of engi- neers, etc.	Fuel, light, power, janitors, supplies, etc.		Total	School services				
											Promo- tion of health	Trans- portation of pupils	School lunch program	Other auxiliary agencies	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Alabama 1	543	14,503	13,991	183	329	499	121	258	396	1,964		964	19	1,000	
Arkansas	441	4,001	3,877	61	61	379	302	255	198	812		552	6	242	
Florida	470	11,716	11,284	146	286	557	329	214	395	734	46	377	377	244	44
Georgia	313	12,971	12,332	385	254	542	329	214	366	1,439		643		840	
Louisiana		14,160	13,602	461	97										
Maryland	2 494	9,127	8,683	91	535	962			434	922	2 63	589		2 271	
Mississippi	320	5,402	5,033	163	206	179	82	98	231	1,097		423		667	7
North Carolina	958	22,210	21,634	280	296	981	416	565	1,007	3,028	482	1,210		142	1,195
South Carolina	174	10,677	10,481		196	431	164	268	368	1,395		342	113	941	
Texas		22,023													
District of Columbia	257	6,323	5,922	101	300	1,166			404	113	10	8	54	48	

¹ Partly estimated.

² Estimated.

Table 45.—Expenditure for fixed charges, capital outlay, interest, and debt retirement, and annual and daily expenditure per pupil in average daily attendance in Negro public schools in 8 States and the District of Columbia keeping separate records: 1949-50

State	Amount (thousands of dollars)										Annual expenditure for education per pupil in average daily attendance for—					Daily expenditure (total)
	Fixed charges	Total current expense for full-time day schools ¹	Capital outlay			Interest	Total current expense, capital outlay, and interest for full-time day schools	Expenditures for summer and adult schools	Total all schools	Debt service (payment of bonds and loans)	Total	Current expense ¹	Interest	Capital outlay		
			Total	New buildings, and alterations	New equipment											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Alabama-----	1,253	19,159	1,422	-----	-----	49	20,630	-----	20,630	-----	\$99.81	\$92.69	\$0.24	\$6.88	\$0.57	
Arkansas-----	262	6,094	569	-----	-----	119	6,782	-----	6,782	313	81.27	73.03	1.42	6.82	.47	
Florida-----	590	14,399	2,382	2,084	297	152	16,977	809	17,787	-----	160.77	136.71	1.45	22.61	.89	
Georgia-----	778	16,454	1,733	1,661	71	131	18,317	914	19,232	-----	88.76	79.73	.63	8.40	.80	
Maryland-----	864	12,804	-----	-----	-----	-----	-----	-----	-----	-----	-----	198.76	-----	-----	² 1.08	
Mississippi-----	129	7,351	874	872	2	1	8,232	-----	8,232	-----	36.42	32.55	³ -----	3.87	.26	
North Carolina-----	1,657	28,646	6,218	5,937	282	4 299	36,358	-----	36,358	-----	150.86	122.90	1.28	26.68	.84	
South Carolina-----	1,176	14,221	1,618	1,242	376	100	15,939	-----	15,939	-----	89.46	79.82	.56	9.08	.51	
District of Columbia-----	702	8,963	3,910	3,609	301	-----	12,873	246	13,119	-----	317.03	220.74	-----	96.29	1.83	

¹ Chargeable to pupils (excludes column 16, table 44).

² Current expense only.

³ Less than 0.5 of 1 cent.

⁴ Estimated.

Table 46.—Number of Negro public elementary and secondary schools, cost of Negro school property, and transportation data for Negro schools in 17 Southern States and the District of Columbia: 1949-50

State	Number of schools			Cost of school property					Transportation			
	Total	Elementary	Secondary	Total	Sites, when separately reported	Buildings	Equipment	Cost per pupil in average daily attendance	Number of pupils transported at public expense	Number of vehicles operated at public expense	Expenditure of public funds for transportation (exclusive of capital outlay)	Expenditure per pupil transported
1	2	3	4	5	6	7	8	9	10	11	12	13
17 States and the District of Columbia.....	20,383	17,728	2,655									
Alabama.....	2,080	1,831	249	\$6,716,200	\$1,013,901	\$5,080,589	\$621,710	\$35.00	57,490	728		
Arkansas.....	834	682	142	10,649,201	685,641	8,952,974	1,010,586	127.62	37,742	470	\$551,771	\$14.62
Delaware.....	66	63										
Florida.....	860	614	246	11,527,792	1,285,945	8,916,118	1,325,729	109.45	30,666	231	364,801	19.10
Georgia.....	2,310	2,021	289	22,042,464	1,211,760	18,231,511	2,399,193	106.81	30,929	406	643,379	20.80
Kentucky.....	1,436	1,377	159									
Louisiana.....	1,286	1,154	132	11,386,860	1,718,276	18,714,214	1,954,370	180.50	40,507	490		
Maryland.....	328	284	44	17,438,156	1,784,427	15,142,228	511,501	270.71	17,921	213	588,649	32.85
Mississippi.....	3,296	3,029	267	11,000,000				150.61	25,124		422,791	16.83
Missouri.....	354	308	146									
North Carolina.....	1,622	1,387	235	34,211,069	2,081,805	28,320,070	3,809,194	146.78	83,036	1,188	1,209,607	14.57
Oklahoma.....	272	177	95						7,710	213		
South Carolina.....	2,075	1,912	163	16,040,570				90.03	19,735	356	341,596	17.31
Tennessee.....	935	860	75									
Texas.....	1,946	1,509	437	12,554,233	1,203,077	19,224,248	1,290,908	118.64	54,818	785		
Virginia.....	1,325	1,206	119						50,033	606		
West Virginia.....	291	250	41									
District of Columbia.....	67	54	13						56	5	7,695	137.41

¹ Data, 1947-48. ² Average daily attendance. ³ Data, 1943-44.

Table 47.—Number of teachers employed in nonpublic (private and parochial) schools, by State: 1949-50

State, by region	Elementary and Secondary			Elementary (including kindergarten)			Secondary		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Continental United States -----	118,271	21,975	96,296	76,087	5,482	70,605	42,184	16,493	25,691
NEW ENGLAND -----	14,494	3,042	11,452	8,321	298	8,023	6,173	2,744	3,429
Maine-----	1,378	284	1,094	1,703	2 34	2 669	675	250	425
New Hampshire-----	1,119	336	783	625	32	1 593	494	304	190
Vermont-----	605	118	487	1 297	3 5	2 292	4 308	113	195
Massachusetts-----	7,181	1,280	5,901	4,194	4 145	4 4,049	2,987	4 1,135	4 1,852
Rhode Island-----	1,405	251	1,154	1,043	2 44	2 999	362	2 207	2 155
Connecticut-----	2,806	773	2,033	1,459	2 38	2 1,421	1,347	2 735	2 612
MIDDLE ATLANTIC -----	32,650	4,767	27,883	22,302	695	21,607	10,348	4,072	6,276
New York-----	16,160	2,254	13,906	11,773	450	11,323	4,387	1,804	2,583
New Jersey-----	5,314	793	4,521	3 431	2 58	3 3,373	11,883	2 735	4 1,148
Pennsylvania-----	11,176	1,720	9,456	7,098	4 187	4 6,911	4,078	4 1,533	4 2,545
EAST NORTH CENTRAL ---	29,976	5,551	24,425	20,163	2,090	18,073	9,813	3,461	6,352
Ohio-----	6,270	688	5,582	4,228	2 24	2 4,204	2,042	2 664	2 1,378
Indiana-----	2,488	458	2,030	1,845	4 233	4 1,612	643	4 225	4 418
Illinois-----	10,991	2,733	8,258	7,200	1,067	16,133	3,791	11 1,666	12 1,225
Michigan-----	5,550	964	4,586	3,463	1 526	2 2,937	2,087	1 438	1 1,649
Wisconsin-----	4,677	708	3,969	3,427	1 240	1 3,187	1,250	1 468	1 782
WEST NORTH CENTRAL ---	12,802	2,371	10,431	8,356	710	7,646	4,446	1,661	2,785
Minnesota-----	2,855	391	2,464	1,923	4 73	4 1,850	932	4 318	4 614
Iowa-----	2,419	415	2,004	1,525	5 146	5 1,379	4 894	4 269	4 625
Missouri-----	3,572	663	2,909	2,247	1 61	2 12,186	1,325	1 602	1 723
North Dakota-----	736	261	475	515	1 183	4 332	221	1 78	1 143
South Dakota-----	512	68	444	383	4 36	1 347	129	32	97
Nebraska-----	1,284	324	960	779	1 116	1 663	505	1 208	1 297
Kansas-----	1,424	249	1,175	984	1 95	1 889	440	1 154	1 286
SOUTH ATLANTIC -----	7,638	1,843	5,795	3,964	305	3,659	3,674	1,538	2,136
Delaware-----	378	94	284	209	4 8	4 201	169	4 86	4 83
Maryland-----	2,597	469	2,128	1,675	2 122	2 1,553	7 922	2 347	2 575
Virginia-----	1,119	388	731	334	4 24	4 310	785	4 364	4 421
West Virginia-----	466	99	367	238	1 18	1 220	228	4 81	1 147
North Carolina-----	524	177	347	257	1 54	1 203	267	4 123	4 144
South Carolina-----	279	64	215	123	4 8	4 115	156	4 56	4 100
Georgia-----	551	211	340	204	4 17	1 187	347	4 194	4 153
Florida-----	893	168	725	486	2 17	2 469	407	2 151	2 256
District of Columbia	831	173	658	438	4 37	1 401	393	1 136	4 257
EAST SOUTH CENTRAL ---	4,338	1,236	3,102	2,339	311	2,028	1,999	925	1,074
Kentucky-----	1,981	321	1,660	1,234	4 77	11 1,157	747	2 244	2 503
Tennessee-----	829	337	492	366	4 85	1 281	463	4 252	4 211
Alabama-----	1,017	438	579	469	8 106	8 363	8 548	8 332	216
Mississippi-----	511	140	371	270	4 43	1 227	241	1 97	4 144
WEST SOUTH CENTRAL ---	6,539	1,118	5,421	4,612	394	4,218	1,927	724	1,203
Arkansas-----	395	119	276	205	20	1 185	190	1 99	91
Louisiana-----	2,739	492	2,247	1,902	4 149	11 1,753	837	4 343	4 494
Oklahoma-----	724	154	570	446	1 82	1 364	278	1 72	4 206
Texas-----	2,681	353	2,328	2,059	4 143	11 1,916	622	3 210	9 412

See footnotes at end of table.

Table 47.—Number of teachers employed in nonpublic (private and parochial) schools, by State: 1949-50—Continued

State, by region	Elementary and Secondary			Elementary (including kindergarten)			Secondary		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
MOUNTAIN.....	2,494	509	1,985	1,561	220	1,341	933	289	644
Montana.....	397	68	329	272	² 35	² 237	125	² 33	² 92
Idaho.....	195	22	173	126	¹ 8	¹ 118	69	⁴ 14	¹ 55
Wyoming.....	71	28	43	54	¹ 21	⁴ 33	17	⁴ 7	¹ 10
Colorado.....	848	222	626	480	⁴ 93	¹ 387	368	⁴ 129	¹ 239
New Mexico.....	484	² 57	² 397	366	² 55	311	118	² 32	² 86
Arizona.....	358	51	307	216	¹ 5	¹ 211	142	⁴ 46	⁴ 96
Utah.....	110	20	90	32	⁴ 3	¹ 29	78	⁴ 17	⁴ 61
Nevada.....	31	11	20	15	-----	¹ 15	16	¹ 11	¹ 5
PACIFIC.....	7,340	1,538	5,802	4,469	459	4,010	2,871	1,079	1,792
Washington.....	1,409	391	1,018	929	¹ 214	¹ 715	480	⁴ 177	⁴ 303
Oregon.....	715	117	598	438	² 37	² 401	² 277	² 80	197
California.....	5,216	1,030	4,186	3,102	⁴ 208	¹² 894	2,114	¹ 822	⁴ 1,292

¹ Roman Catholic, plus ratio of non-Roman Catholic nonpublic to total nonpublic which obtained in 1940-41. See Biennial Survey of Education in the United States, 1940-42, "Statistics of Nonpublic Elementary and Secondary Schools, 1940-41."

² Sex ratio estimated on basis of distribution in statistics, 1940-41.

³ Roman Catholic only.

⁴ Statistics, 1947-48.

⁵ Level breakdown based on statistics, 1940-41.

⁶ Total men teachers reported, minus men teachers in secondary schools.

⁷ Total women teachers reported, minus women teachers in secondary schools.

⁸ Total secondary school teachers reported, minus men teachers in Catholic schools.

⁹ Statistics, 1947-48, adjusted to embrace increases indicated in totals reported.

Table 48.—*Number of pupils enrolled in nonpublic (private and parochial) schools, by State: 1949-50*

State, by region	Elementary and Secondary			Elementary (including kindergarten)			Secondary		
	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
1	2	3	4	5	6	7	8	9	10
Continental United States	3,380,139	1,687,112	1,693,027	2,707,777	1,370,222	1,337,525	672,362	316,860	355,502
NEW ENGLAND	397,592	195,993	201,599	285,061	143,235	141,826	112,531	52,758	59,773
Maine.....	35,721	16,110	19,611	124,061	2 12,207	2 12,454	11,060	3,903	7,157
New Hampshire.....	26,612	14,077	12,535	19,989	10,253	9,736	6,623	3,824	2,799
Vermont.....	15,301	7,297	8,004	9,207	4,578	4,629	6,094	2,719	3,375
Massachusetts.....	212,026	103,407	108,619	1149,397	2 74,848	2 74,549	3 62,629	2 28,559	3 34,070
Rhode Island.....	42,449	21,215	21,234	130,947	2 15,474	2 15,473	11,502	5,741	5,761
Connecticut.....	65,483	33,887	31,596	50,860	25,875	24,985	14,623	8,012	6,611
MIDDLE ATLANTIC	1,026,016	519,293	506,723	849,206	434,531	414,675	176,810	84,762	92,048
New York.....	499,775	254,044	245,731	415,824	1 215,522	200,302	83,951	38,522	45,429
New Jersey.....	169,233	84,538	84,695	114,234	2 71,182	2 70,052	1 27,990	2 13,356	2 14,043
Pennsylvania.....	357,008	180,711	176,297	1 292,148	2 147,827	2 144,321	64,860	2 32,884	3 31,976
EAST NORTH CENTRAL	913,221	455,374	457,847	747,112	378,818	368,294	166,109	76,556	89,553
Ohio.....	198,032	98,791	99,241	102,367	82,258	80,109	35,665	16,533	19,132
Indiana.....	69,661	34,686	34,975	57,840	1 29,433	1 28,407	11,821	4 5,253	1 6,508
Illinois.....	311,398	153,997	157,401	258,255	1 130,242	1 128,013	53,143	2 23,755	2 23,388
Michigan.....	190,052	94,755	95,297	145,328	1 73,804	1 71,525	44,723	1 20,951	1 23,772
Wisconsin.....	144,078	73,145	70,933	123,321	1 63,081	1 60,240	20,757	1 10,064	1 10,693
WEST NORTH CENTRAL	323,223	162,055	161,168	259,757	132,313	127,444	63,466	29,742	33,724
Minnesota.....	86,071	42,595	43,476	71,731	1 36,918	1 34,813	14,340	4 5,077	1 8,663
Iowa.....	57,784	28,883	28,901	45,698	23,461	22,237	12,086	5,422	6,664
Missouri.....	96,777	49,437	47,340	76,139	1 38,516	1 37,623	20,638	1 10,921	1 9,717
North Dakota.....	11,730	5,717	6,013	9,385	2 4,730	2 4,655	2,345	2 987	2 1,358
South Dakota.....	11,280	5,880	5,400	9,595	1 4,724	1 4,871	1,685	676	1,009
Nebraska.....	29,503	15,017	14,486	22,633	11,520	11,113	6,870	3,497	3,373
Kansas.....	30,078	15,006	15,072	24,576	1 12,444	1 12,132	5,502	1 2,562	1 2,940

See footnotes at end of table.

Table 48.—Number of pupils enrolled in nonpublic (private and parochial) schools, by State: 1949-50—Continued

State, by region	Elementary and Secondary			Elementary (including kindergarten)			Secondary		
	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
1	2	3	4	5	6	7	8	9	10
SOUTH ATLANTIC.....	170,403	85,081	85,322	129,303	64,787	64,516	41,100	20,294	20,806
Delaware.....	9,019	4,700	4,319	7,255	13,646	13,609	1,764	1,054	4,710
Maryland.....	69,808	34,232	35,576	57,564	28,955	28,609	12,244	5,277	26,967
Virginia.....	19,282	10,464	8,818	12,401	16,280	16,121	6,881	4,184	2,697
West Virginia.....	10,527	5,483	5,044	7,567	13,799	12,674	2,960	1,684	11,276
North Carolina.....	7,329	3,419	3,910	5,108	7,439	7,674	2,221	4,985	41,236
South Carolina.....	4,830	2,232	2,598	3,389	11,708	11,411	1,411	524	917
Georgia.....	10,326	5,391	4,935	6,357	13,209	13,148	3,969	4,212	41,787
Florida.....	21,092	10,364	10,728	15,513	17,625	17,888	5,579	2,739	22,840
District of Columbia.....	18,190	8,796	9,394	14,149	27,131	27,018	4,041	21,665	22,376
EAST SOUTH CENTRAL.....	99,501	49,844	49,657	72,727	36,450	36,277	26,774	13,394	13,380
Kentucky.....	54,171	26,102	28,069	41,694	121,061	120,633	12,477	5,041	27,436
Tennessee.....	15,799	8,754	7,045	19,177	24,524	24,653	6,622	4,230	2,392
Alabama.....	17,190	8,656	8,534	12,109	4,983	4,626	5,081	2,673	2,408
Mississippi.....	12,341	6,332	6,009	9,747	14,882	4,865	2,594	11,450	41,144
WEST SOUTH CENTRAL.....	180,702	88,167	92,535	150,926	74,366	70,560	29,776	13,801	15,975
Arkansas.....	8,073	3,931	4,142	6,056	13,089	12,967	2,017	842	1,175
Louisiana.....	85,286	42,306	42,980	72,542	236,148	236,394	12,744	6,158	26,586
Oklahoma.....	11,103	5,597	5,506	8,606	14,339	14,267	2,497	11,238	11,239
Texas.....	76,240	36,333	39,907	63,722	430,790	432,932	12,518	25,543	26,975
MOUNTAIN.....	65,356	31,655	33,701	51,816	25,572	26,244	13,540	6,083	7,457
Montana.....	11,929	5,763	6,166	9,290	24,679	24,611	2,639	21,084	21,555
Idaho.....	3,764	1,824	1,940	3,175	11,613	11,562	589	4211	4,378
Wyoming.....	1,509	764	745	1,277	2,644	2,633	232	1,120	1,112
Colorado.....	21,384	10,502	10,882	16,151	47,880	48,271	5,233	2,622	12,611
New Mexico.....	16,472	8,320	7,152	14,320	27,183	27,137	2,152	2,969	21,183
Arizona.....	7,113	3,277	3,836	5,195	42,504	42,691	1,918	4,773	41,145
Utah.....	832	382	454	1,395	4,606	4,789	624	1,226	4,398
Nevada.....	2,019	832	1,187	1,395	1,463	1,550	153	178	175
1,166	541	541	625	1,013	1,463	1,550	153	178	175

See footnote at end of table.

PACIFIC-----	204,125	99,650	104,475	161,869	80,180	81,689	42,256	19,470	22,786
Washington-----	28,386	14,274	14,112	21,614	110,907	110,707	6,772	13,367	13,405
Oregon-----	17,108	8,382	8,726	13,071	26,671	26,400	4,037	21,711	22,326
California-----	158,631	76,994	81,637	127,184	62,602	64,582	31,447	14,392	17,055

¹ Roman Catholic, plus ratio of non-Roman Catholic nonpublic which obtained in 1940-41. See Biennial Survey of Education in the United States, 1940-42, "Statistics of Nonpublic Elementary and Secondary Schools, 1940-41."

² Sex ratio estimated on the basis of distribution in Statistics, 1940-41.

³ 37,997 in junior high and 24,632 in senior high schools.

⁴ Statistics, 1947-48.

Table 49.—Number of schools, teachers, and pupils in Catholic elementary and secondary schools: 1949-50¹

State, by region	ELEMENTARY SCHOOLS										SECONDARY SCHOOLS										GRAND TOTAL	
	Num- ber of schools	Teachers				Enrollment				Num- ber of schools	Teachers				Enrollment				Teachers	Pupils		
		Total	Religious		Lay	Total, including undis- tributed	Boys	Girls	Total		Religious		Lay	Total, including undis- tributed	Boys	Girls						
			Men	Women							Men	Women					Men	Women				
1	2	3	4	5	6	7	8	9		10	11	12	13	14	15	16	17	18	19	20		
Continental United States.....	8,589	66,525	2,080	59,698	4,747	2,560,815	1,244,076	1,224,824		2,189	27,770	6,818	16,329	2,344	2,279	505,572	213,301	270,842	94,295	3,066,387		
NEW ENGLAND.....	745	7,591	90	7,201	300	270,303	135,239	135,064		225	2,653	584	1,702	173	194	49,291	19,981	28,265	10,244	319,594		
Maine.....	85	652	24	554	74	23,305	11,573	11,732		18	191	65	111	9	6	2,784	1,407	1,377	843	26,089		
New Hampshire.....	60	573	8	563	2	19,090	9,602	9,488		19	149	26	115	3	5	3,042	1,239	1,803	722	22,132		
Vermont.....	29	275	5	270		8,971	4,458	4,513		10	130	10	110	9	1	1,971	770	1,201	405	10,942		
Massachusetts.....	367	4,029	40	3,920	69	141,181	70,592	70,589		136	1,587	323	1,071	72	121	230,838	12,868	17,626	5,616	172,019		
Rhode Island.....	77	813	13	768	32	29,245	14,430	14,815		17	286	107	125	45	9	5,669	2,835	2,834	1,099	34,914		
Connecticut.....	127	1,249	-----	1,126	123	48,511	24,584	23,927		25	310	53	170	35	52	4,987	862	3,424	1,559	53,498		
MIDDLE ATLANTIC.....	2,117	20,122	386	18,001	1,735	812,888	410,636	402,252		477	7,687	1,945	4,298	781	663	151,966	64,564	81,850	27,809	964,854		
New York.....	910	9,971	333	8,609	1,029	403,341	203,453	199,888		229	3,738	1,102	1,924	388	324	273,442	29,789	40,854	13,709	476,783		
New Jersey.....	351	3,181	16	2,808	357	133,467	67,385	66,082		75	1,245	207	680	180	178	22,083	9,087	10,942	4,426	155,550		
Pennsylvania.....	856	6,970	37	6,584	349	276,080	139,798	136,282		173	2,704	636	1,694	213	161	56,441	25,688	30,054	9,674	332,521		
EAST NORTH CENTRAL.....	2,323	16,643	578	15,212	853	712,017	323,203	314,363		513	7,373	1,703	4,544	577	549	144,011	60,775	78,568	24,016	856,028		
Ohio.....	544	3,927	12	3,553	362	159,441	43,251	41,739		123	1,864	479	1,073	157	155	234,141	15,048	17,645	5,791	193,582		
Indiana.....	241	1,415	13	1,385	17	94,658	27,785	26,873		33	639	82	300	32	25	3,069	3,572	5,497	1,854	63,727		
Illinois.....	694	6,101	256	5,013	232	244,049	122,948	121,101		143	2,894	715	1,424	238	227	249,158	20,277	27,716	8,695	293,207		
Michigan.....	204	2,070	204	1,731	135	137,534	69,671	67,663		148	1,603	232	1,189	90	92	35,296	15,074	19,484	3,673	172,630		
Wisconsin.....	474	3,130	93	2,930	107	116,535	59,548	56,987		66	873	195	558	70	50	21,647	6,804	8,226	4,003	132,882		
WEST NORTH CENTRAL.....	1,254	7,456	260	6,765	431	242,411	123,350	119,061		345	3,347	724	2,120	293	200	51,742	21,724	26,466	10,803	294,153		
Minnesota.....	266	1,747	-----	1,661	86	67,784	34,851	32,933		60	745	134	469	85	57	11,823	4,260	6,764	2,492	79,607		
Iowa.....	258	1,424	96	1,282	46	42,032	21,594	20,438		115	785	161	556	36	32	21,342	4,282	5,157	2,209	52,374		
Missouri.....	310	2,043	5	1,820	218	71,950	36,359	35,591		69	903	273	502	68	60	21,160	7,458	7,564	2,946	88,110		
North Dakota.....	47	344	71	260	13	9,311	4,670	4,641		18	155	30	101	14	10	2,130	923	1,096	499	11,441		

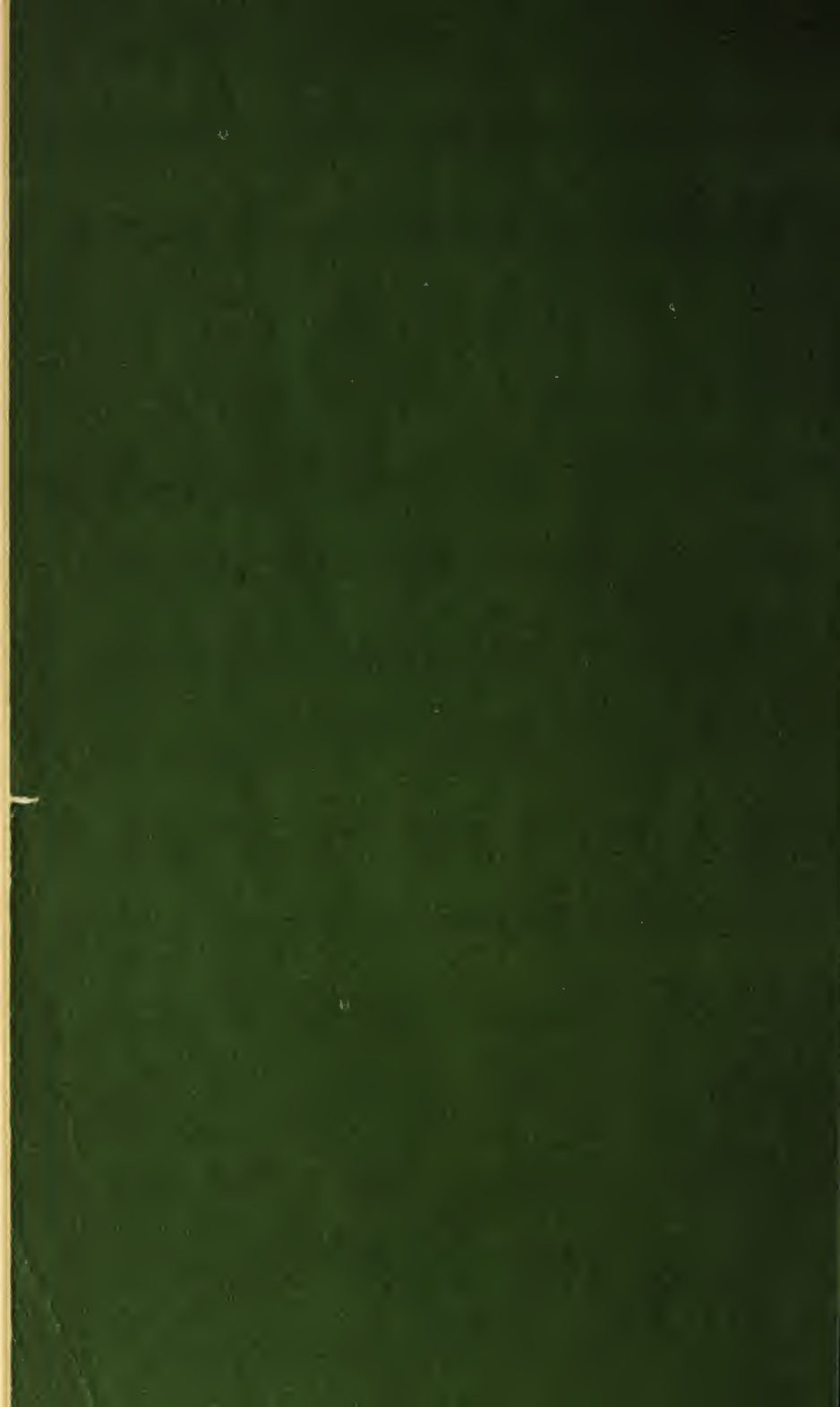
See footnotes at end of table.

South Dakota	50	337	61	326	51	9,067	4,459	4,608	141	101	57	78	61	21,549	374	631	438	10,618	
Nebraska	129	677	45	599	33	19,042	9,639	9,373	43	349	67	214	51	27,536	2,643	2,763	1,026	24,433	
Kansas	194	884	37	817	30	23,225	11,748	11,477	26	309	54	200	33	22,435	1,864	2,461	1,193	27,370	
SOUTH ATLANTIC	436	3,059	76	2,838	145	116,275	58,978	57,297	135	1,539	393	830	144	172	23,424	9,912	11,704	4,598	
Delaware	22	187	1	173	13	6,856	3,442	3,414	6	70	32	26	4	8	2,128	721	503	257	
Maryland	146	1,149	22	1,076	51	49,003	25,499	23,504	35	467	125	262	40	40	8,490	3,445	4,351	1,616	
Virginia	38	273	2	264	7	11,718	5,928	5,790	18	160	35	89	22	14	2,895	928	1,057	373	
West Virginia	48	217	7	207	3	7,151	3,856	3,565	15	153	29	104	10	10	2,069	1,001	1,068	370	
North Carolina	44	214	21	193	---	4,828	2,298	2,530	11	111	35	53	9	14	2,704	2,221	336	325	
South Carolina	21	95	---	89	---	3,204	1,612	1,592	4	48	13	28	---	---	2,728	280	328	143	
Georgia	31	180	2	168	10	6,007	3,029	2,978	8	92	37	33	12	10	1,759	700	559	272	
Florida	55	358	17	302	39	14,660	7,198	7,462	22	199	34	110	22	33	3,008	1,184	1,362	557	
District of Columbia	31	386	4	366	16	12,848	6,386	6,462	16	239	53	127	24	35	2,839	1,451	2,140	625	
District of Columbia	31	386	4	366	16	12,848	6,386	6,462	16	239	53	127	24	35	2,839	1,451	2,140	625	
EAST SOUTH CENTRAL	367	1,989	117	1,756	116	67,755	29,705	29,378	110	1,037	313	584	54	86	15,776	7,213	7,587	3,026	
Kentucky	219	1,175	72	1,053	50	39,401	19,882	19,519	60	607	192	344	25	46	2,949	4,226	5,172	1,782	
Tennessee	49	268	---	237	---	8,672	4,068	4,037	23	17	153	44	79	12	2,220	1,134	585	421	
Alabama	62	288	3	272	13	10,471	5,214	5,257	12	132	30	82	9	11	2,121	997	1,124	420	
Mississippi	44	258	42	194	22	9,211	4,609	4,602	21	145	47	79	8	11	2,144	856	706	403	
WEST SOUTH CENTRAL	646	4,273	236	3,369	668	140,538	69,048	71,346	182	1,605	496	822	126	161	26,416	11,623	13,174	5,878	
Arkansas	53	182	6	171	5	5,723	2,916	2,807	16	123	53	63	3	4	2,145	613	717	305	
Louisiana	226	1,879	101	1,699	419	71,147	35,238	35,909	73	739	240	343	75	81	212,591	5,910	6,209	2,828	
Oklahoma	69	379	32	333	14	8,133	4,096	4,037	25	147	34	96	7	10	2,190	1,688	773	426	
Texas	298	1,923	97	1,996	230	253,535	26,798	28,593	68	596	109	320	41	66	20,411	4,412	5,475	2,519	
MOUNTAIN	210	1,388	115	1,198	75	45,896	15,530	18,718	65	654	138	423	43	50	9,810	4,228	4,996	2,042	
Montana	44	221	---	214	7	8,900	4,442	4,458	14	121	27	79	5	10	1,986	809	1,117	342	
Idaho	22	115	---	3	107	5	3,001	1,523	1,478	5	46	2	42	1	1	338	123	215	161
Wyoming	4	37	8	28	1	2,207	1,074	1,062	1	10	1	8	1	1	182	85	94	47	
Colorado	61	420	51	339	30	23,979	5,804	5,624	22	276	71	153	22	30	24,112	1,759	1,996	696	
New Mexico	53	350	51	279	20	11,689	5,974	5,915	14	113	17	84	10	2	2,198	1,816	1,953	463	
Arizona	19	203	2	191	10	4,890	---	5,915	14	113	17	84	10	2	2,198	1,816	1,953	463	
Utah	5	28	---	28	---	1,273	550	723	3	29	3	25	---	6	331	350	252	5,043	
Nevada	2	14	---	12	2	957	437	520	1	10	5	4	1	---	120	57	63	24	
PACIFIC	491	4,004	222	3,358	424	152,732	75,387	77,345	137	1,875	512	1,006	153	204	33,136	13,281	18,232	5,879	
Washington	78	764	83	607	74	20,425	10,296	10,129	28	341	118	193	20	10	2,535	2,384	2,744	1,105	
Oregon	66	349	6	327	16	12,116	5,995	6,121	18	217	54	8	15	2	2,958	630	1,626	566	
California	347	2,891	133	2,424	334	120,191	59,096	61,095	91	1,317	340	673	125	179	24,833	10,207	13,862	4,208	

Prepared by Department of Education, National Catholic Welfare Conference.

² Included in total are pupils undistributed as to sex.





Biennial Survey of Education in the United States—1948-50

Chapter 3

Statistics
of City
School Systems

1949-50

Biennial Survey of Education in the United States, 1948-50

The following chapters will be included in the Biennial Survey for 1948-50:

Chapter 1. Statistical Summary of Education, 1949-50

Chapter 2. Statistics of State School Systems, 1949-50

Chapter 3. Statistics of City School Systems, 1949-50

Chapter 4. Statistics of Higher Education:

Section I. Faculty, Students, and Degrees, 1949-50

Section II. Receipts, Expenditures, and Property,
1949-50

Chapter 5. Offerings and Enrollments in High-School Subjects, 1948-49.

Each part of the Biennial Survey is printed separately as soon as completed.

Chapter 3

Statistics
of City
School Systems,
1949-50:
Staff, Pupils,
Finances, and
Property

LESTER B. HERLIHY, *Specialist in Educational Statistics, prepared this chapter, under the general direction of EMERY M. FOSTER, Head, Reports and Analysis Unit*

FEDERAL SECURITY AGENCY • OVETA CULP HOBBY, *Administrator*
Office of Education • EARL JAMES McGRATH, *Commissioner*

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FOREWORD

THIS CHAPTER on city school systems of the Biennial Survey of Education continues the regular series of statistical reports published by the Office of Education since 1871. Prior to 1918 the city school statistics were presented as a part of the Annual Report of the United States Commissioner of Education. Since 1917-18, however, the report has been issued biennially for each school year ending in an even number. An added feature in the present chapter is the presentation of certain financial data on school expenditures over the past decade in terms of the purchasing power of the 1949-50 dollar.

Like its predecessors, this report presents data chiefly on the full-time public kindergartens, and elementary and secondary day schools, but also includes data on the institutions of higher education which are administered as part of the city public-school system in the school districts of cities of 2,500 population and more. All population figures in the report are as given in the Federal census of 1940, because the more recent census figures for 1950 were not available at the time this chapter was projected, nor later when the material was processed.

The report does not include the statistics of schools in *all* cities of 2,500 or over, since schools in some cities are conducted as part of a larger administrative school unit, such as the county, and in such cases data for the city are not separable from data from the total county.

Since the first of this series of statistical reports was published some 80 years ago, the cities with populations of 2,500 or more have increased in number from 663 to 4,284, and the urban population which comprised but 25.7 percent of the total population in 1870 has grown to almost 59 percent of the total in 1950. This growing urbanization has been significant in many of its educational implications.

This present chapter, like its predecessors, embodies the voluntary cooperative efforts of many thousands of city school people over the Nation—mainly superintendents and school business officials of city school districts, together with the half-million elementary and high-school teachers and principals who prepared the basic data. To all these who have contributed to making this publication possible, the Office of Education extends its sincere thanks.

HERBERT S. CONRAD,

Chief, Research and Statistical Standards Section

WARD STEWART,

Director, Program Development and Coordination Branch

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Statistics of City School Systems, 1949-50

THE STATISTICS presented by this report are for those school systems conducted as separately organized school districts in cities of 2,500 population or more, as distinguished from the schools in urban centers, or in cities which are conducted as part of a larger unit for school administration, such as, the county system. The county unit for administration of schools exists, either exclusively, or nearly so, in Florida, Louisiana, Maryland, West Virginia, and Utah. Eight other States have some county unit systems, while the State of Delaware, excepting a few separately organized city districts, conducts its schools on a State basis for administration through the authority of the State Board and the State Superintendent of Education.

This report presents only the statistics for those school systems in cities of 2,500 population or more which are administered by a superintendent as a school district operating coordinate with or under the municipal government regardless of whether the school district may be independent or dependent, fiscally.

Classification of City Systems

As in previous reports since 1940 the city school systems included in this present study are classified for the purpose of analysis into five groups according to population reported in the U. S. Census for 1940. The final census figures on city population for 1950 were not available for use in this chapter. The number of cities in each group and the number of separate city school systems are as follows:

<i>Group size</i>	<i>Number of cities in 1940 census</i>	<i>Number of city school systems</i>
Total all groups (2,500 population and more)	3, 464	3, 141
Group I (100,000 population and more)	92	89
Group II (30,000 to 99,999 population)	257	249
Group III (10,000 to 29,999 population)	728	726
Group IV (5,000 to 9,999 population)	1, 016	902
Group V (2,500 to 4,999 population)	1, 371	1, 175

In a number of instances there are two or more school systems, or school districts ¹ within a city, and in the case of the two cities of Maywood-Melrose Park, Ill., the schools in these adjoining towns constitute elementary and high-school districts administered to serve both cities in common.

Detailed statistics are presented for each of the city school systems in cities of 30,000 population and more. For the cities in Group III (population 10,000 to 29,999) data are reported in detail for 449 school systems in 428 cities—a sampling of greater than 58 percent of the total number of eligible cities in this group. Formerly in this series, each of the 728 Group III cities had been reported in detail. However, the number of Group III city school systems reported in detail was reduced in 1947-48 in order to make possible the inclusion in this study of detailed statistics for a sample of Group IV, and a sample of Group V city school systems.

Coverage

The basic data used for this report are those submitted by city school systems or the State departments of education in response to the requests of this Office. In some instances, data for 1949-50 were not available and in such cases the report made by the city for the previous biennium (1947-48) was used. In all such cases footnotes indicate this usage.

The detailed data for the individual cities of Groups III, IV, and V have been augmented by the totals for the city school systems not reported in detail. Thus, the State totals for each of these city groups for the various items involved are given to complete the statistical picture.

Pupils and staff

Enrollment ² (*Full-Time Day Schools*)

During the regular school session of 1949-50 there were enrolled in the public day schools of the city school systems 12,696,724 pupils; of this number, 6,477,165 were boys, and 6,219,559 were girls. This total day school enrollment was distributed as follows: 801,613 pupils in the nursery and kindergarten classes; 7,394,319 pupils in the elementary schools; 4,329,185 in the secondary schools; and 171,607 in the institutions of post-secondary school level which were directly administered by the city board of education and the city school superintendent (Table 1—Summary).

In addition to the above, the city school systems reported 1,544,829 pupils enrolled in part-time school activities (adult, Americanization, night, and continuation schools), and 300,657 pupils enrolled in summer schools.

¹ The boundaries of a city school district may, or may not be coterminous with those of a municipality; nevertheless, the school district organization in most cases is an independent governmental unit under a city board of education not to be confused with the political unit of government for the municipality.

² Enrollment is the number of different pupils registered in any given school unit in any given school year. The number may increase, but not decrease, and for this reason is distinct from attendance.

Attendance (Full-Time Day Schools)

Of the 12,696,724 pupils enrolled in the full-time day schools of the city systems during 1949-50, 11,039,945, or 86.9 percent, were in average daily attendance. From 1947-48 to 1949-50 there was an increase of 584,785 in the number of pupils in average daily attendance compared with an increase of 507,869 in the number of pupils enrolled.

In general, the percentage of enrollment in average daily attendance has been increasing from decade to decade, and usually from biennium to biennium. The war years, and the post-war biennium (the period from 1941-42 to 1945-46) showed decreases in the attendance figures as, for obvious reasons, was to be expected. The city public-school systems reported in 1949-50 that of every 100 pupils enrolled an average of approximately 87 pupils had been in daily attendance as compared with the 74.6 per 100 in attendance in 1899-1900.

In each group of city schools, the percentage of attendance was greater in 1949-50 than for any of the previous five bienniums (table I). School attendance as measured by the percentage of enrollment in average daily attendance is less in the large than in the small city school system. Yet, the largest cities spend most, proportionately, for the enforcement of attendance laws.

The increase in average daily attendance in the past several decades can be traced to numerous causes, outstanding among which are (1) more interesting educational programs; (2) increased attention to the individual needs of pupils; (3) better-prepared teachers; (4) better guidance programs; (5) better school health programs; (6) stricter, and more practical enforcement of the compulsory attendance laws; (7) increasing interest on the part of parents in schools; and (8) other factors of social and economic significance in a maturing society as compared with the years of its earlier developments. The ideal in attendance, as visualized for the public schools, calls for a yet greater percentage in average daily attendance, particularly, in respect to the secondary schools, than prevails at present. To this end, the Life Adjustment Education Program is concerned with the problem of providing education which will attract the large segment of high-school-age youth who do not enter the secondary education level, and which will "hold" in high school those who do enter high school but quit before graduation. "There has never been a time when more than 75 percent of the persons 14 to 17 years of age were in high school."³

Table I presents the picture by bienniums starting with the school year 1939-40 of the number of pupils in average daily attendance for each 100 pupils enrolled reported for each of the city groups, and for all five groups combined.

³ Bulletin 1951, No. 22, Life Adjustment Education.

Table I.—Percent of enrollment in average daily attendance in full-time day schools in city systems, by population group: 1939-40 to 1949-50

Year	All groups combined	Group I	Group II	Group III	Group IV	Group V
1	2	3	4	5	6	7
1939-40.....	86.6	85.2	87.2	88.4	87.8	-----
1941-42.....	84.1	82.2	85.3	86.0	85.9	-----
1943-44.....	83.2	80.8	84.4	86.3	85.1	-----
1945-46.....	83.9	82.3	84.9	85.4	85.3	-----
1947-48.....	85.8	83.9	87.3	87.8	87.3	86.8
1949-50.....	86.9	85.2	88.1	88.7	87.9	88.3

Pupil-Teacher Ratio (Full-Time Day Schools)

The "pupil-teacher ratio," or "teaching load" are the technical terms applied to the quotient obtained from dividing the total number of pupils by the number of teaching positions reported. Only the classroom teacher positions are used in this calculation. The average teaching load in 1949-50 for all city school systems combined was 28 pupils enrolled, and 25 pupils in average daily attendance. For all city schools combined the number of pupils enrolled per teacher, and the number in average daily attendance per teacher have not varied greatly within the past decade.

Pupil-teacher ratios tend to be slightly higher in cities of 100,000 population or more than in the smaller city-size groups. The decrease in the ratio from 1939-40 to 1949-50 on both the enrollment and attendance basis is due partly to the fact that enrollment and attendance figures both decreased during the decade while the number of teachers increased by 45,748. However, the movement of population from congested city centers to suburban areas resulted in a distribution of school population necessitating an increase in teacher personnel, as well as the requirement of an increase in school plants and other facilities.

Table II.—Number of pupils enrolled and number in average daily attendance per teacher in city school systems, by population group: 1939-40 to 1949-50

Year	All groups combined		Group I		Group II		Group III		Groups IV and V	
	Enrollment	Average daily attendance	Enrollment	Average daily attendance	Enrollment	Average daily attendance	Enrollment	Average daily attendance	Enrollment	Average daily attendance
1	2	3	4	5	6	7	8	9	10	11
1939-40.....	32	28	33	29	30	27	31	27	31	27
1941-42.....	31	26	33	27	29	24	29	25	29	25
1943-44.....	31	25	33	27	29	24	29	25	29	25
1945-46.....	30	25	32	27	28	24	29	25	29	25
1947-48.....	29	25	31	26	27	24	28	24	28	24
1949-50.....	28	25	30	25	27	23	27	24	28	24

In 1939-40 the average number of pupils enrolled was 32 per teacher, and the average number of pupils in average daily attendance was 28 per teacher. The 2 groups of largest cities made an average reduction of 4 pupils per teacher in the daily load between the 1940 and 1950 school years. The 2 smaller groups of cities each averaged a 3-pupil reduction per teacher in the same period (table II).

School Term and Number of Days Attended (Full-Time Day Schools)

In 1949-50 the average number of days that the schools were in session (days actually taught) in city school systems was 181, or a day less than the average reported in 1947-48. The average length of the city school term has remained practically the same within the narrow range of 180 and 182 days, for a long period of years.

Table III.—Number of days schools were taught and average number of days attended by each pupil enrolled in city school systems, by population group: 1940-41 to 1949-50

Population group	Days taught, by school year					Days attended, by school year				
	1941-42	1943-44	1945-46	1947-48	1949-50	1941-42	1943-44	1945-46	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10	11
All groups combined.	182	180	181	182	181	153	150	152	156	158
Group I.....	186	185	184	184	185	153	149	151	154	158
Group II.....	179	181	181	181	180	153	152	154	158	159
Group III.....	179	177	179	180	178	154	152	153	158	157
Groups IV and V.....	177	175	178	180	178	152	149	152	157	157

However, this average school term conceals wide variations among individual city school systems. Table IV shows the distribution of 2,846 city school systems according to the average length of the school term. It is found from table IV that 602 cities, or more than 22 percent of the total, reported a school term, or year of less than 175 days in length for 1949-50. Nearly 50 percent of the total, or 1,412 city systems, reported an average school year of 176 to 180 days in length; and the remainder—792 cities, or 27.9 percent—financed a school year greater than 180 days in length. In 1949-50 the Group I cities (population 100,000 and more) reported an average of 185 days as the length of the school year; the Group II cities reported an average of 180 days to the school year; and the other groups each reported the school year length as averaging 178 days.

On the average a pupil enrolled in a city public-school system attended only 158 days of the 181-day average length term during 1949-50. And while the 158-day average represented an increase of 5 days over 1941-42 attendance, it still meant that city school pupils were present only some 85 percent of the full school year.

Table IV.—Distribution of 2,846 city school systems according to number of days schools were taught: 1949-50

Length of term in days taught	All groups combined		Group I		Group II		Group III		Group IV		Group V	
	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent
1	2	3	4	5	6	7	8	9	10	11	12	13
Total..	2,846	100.0	89	100.0	242	100.0	713	100.0	851	100.0	951	100.0
161-165	5	0.2	1	1.1	0	0.0	0	0.0	3	0.4	1	0.1
166-170	45	1.6	1	1.1	2	.8	10	1.4	23	2.7	9	.9
171-175	592	20.8	10	11.2	32	13.2	133	18.6	175	20.6	242	25.4
176-180	1,412	49.6	38	42.7	102	42.2	362	50.8	380	44.7	530	55.8
181-185	530	18.6	28	31.6	71	29.3	146	20.5	170	19.9	115	12.2
186-190	208	7.3	10	11.2	23	9.5	48	6.7	83	9.8	44	4.6
191-195	32	1.1	0	.0	6	2.5	10	1.4	13	1.4	3	.3
196-200	22	.8	1	1.1	6	2.5	4	.6	4	.5	7	.7

Contrary to common belief city schools are in session for shorter terms annually than they were before the turn of the century. In 1900 city schools were in session an average of approximately 188 days, or at least 7 days more than in 1950. From earlier reports published by individual city school systems (circa 1840) it is found that the schools in the following large cities were in session practically the year round: New York, Chicago, Philadelphia, Brooklyn, Boston, Baltimore, Cincinnati, Cleveland, Buffalo, Washington, D. C., and Detroit. The custom then prevailing was that of dividing the school year in the greater number of cities into 4 terms of 12 weeks each with a vacation of a week at the end of each term. In some cities all the vacation came in the summer season except for a week at Christmas time. The summer vacation was extended gradually until the school year was reduced to about 9 or 10 months.

Administrative and Instructional Staff

In 1949-50 the public day schools in the cities covered by this report had an administrative staff including 5,579 superintendents and assistant superintendents, and an instructional staff of 5,823 supervisors, 20,070 principals, and 448,171 teachers in the full-time day schools (see Table 1, Comparative Summary). For all full-time day schools combined the number of teachers per principal was 22.3 in 1949-50 counting but one person to a teaching position. Of the total number of teachers, the men numbered 100,666, or 22.5 percent (table V). This is the highest percentage of men teachers employed for several decades. The previous high point in employment of men as teachers was in 1941-42 when men teachers represented 21.5 percent of the total number employed. Of the five city groups, the largest percentages of men employed as teachers were reported for the Group III, IV, and V cities, populations 2,500 to

29,999. Following World War II days, or since 1943-44 each biennium has shown an appreciable increase in the number of men employed as teachers. Especially is this true with respect to the cities in the population groups of 2,500 to 29,999. Possibly this increase in the employment of men teachers is partly due to greater stress being placed on the science subjects, physical education, and vocational education subject areas most often taught by men.

Table V.—Percent of men teachers in full-time day schools, by population group: 1939-40 to 1949-50

Year	All groups combined	Group I	Group II	Group III	Groups IV and V
1	2	3	4	5	6
1939-40.....	20.6	19.7	19.4	21.0	23.5
1941-42.....	21.5	20.1	20.6	22.4	24.1
1943-44.....	17.6	18.0	17.5	18.2	16.5
1945-46.....	19.1	19.3	18.4	18.6	19.6
1947-48.....	21.1	20.8	20.3	21.7	21.8
1949-50.....	22.5	21.4	21.5	23.0	24.6

In 1949-50 the number of teachers to a supervisor has shown a decrease in each of the city-size groups except that of Group I. The highest teacher-supervisor ratios existed in 1943-44, or during the war years for each of the city groups. However, since the 1943-44 biennium, as shown by table VI, there have been reductions for each of the city-size groups in the teacher-supervisor ratios. The over-all decline for all city groups combined in number of teachers to a supervisor was from 95 to 77. In the combined two smallest groups of cities the ratio dropped from 196 teachers in 1943-44 to 115 teachers per supervisor in 1949-50.

The ratios of teachers to principal have remained almost constant for each of the city groups during the past decade.

Table VI.—Number of teachers per supervisor and per principal in city school systems, by population group: 1939-40 to 1949-50

Year	All groups combined		Group I		Group II		Group III		Groups IV and V	
	Per supervisor	Per principal	Per supervisor	Per principal	Per supervisor	Per principal	Per supervisor	Per principal	Per supervisor	Per principal
1	2	3	4	5	6	7	8	9	10	11
1939-40.....	91	24	119	24	66	24	61	22	119	27
1941-42.....	92	24	117	24	62	23	62	23	150	28
1943-44.....	95	22	112	23	63	22	64	21	196	22
1945-46.....	90	23	93	23	61	22	76	22	174	24
1947-48.....	82	22	94	23	55	22	65	22	127	21
1949-50.....	77	22	94	23	53	22	57	21	115	22

Part-Time (Adult and Continuation) Schools and Summer Schools

The trend in the number of cities operating adult education facilities (night, Americanization, part-time, and continuation schools) as an integral part of the instructional function and responsibility of the public-school board of education, has been one of consistent increase during the decade 1939-40 to 1949-50 (table VII). The number of city school systems reporting the above type of school activity increased from 482 to 889, or 85 percent in the 10-year period.

In the 10-year period under discussion, the enrollment in these schools increased by 40.5 percent, or from 1,099,343 to 1,544,829 pupils, while the number of personnel (supervisors, principals, and teachers) in the same period increased only 29.3 percent, or from 20,495 to 26,493. That the increase in personnel failed to maintain a proportionate rate of increase to enrollment is reflected in the greater teaching load of 5 additional pupils per teacher shown in 1949-50 over the 1939-40 ratio. The pupil-teacher ratio in 1939-40 was 53.6 pupils enrolled as compared with the 1949-50 ratio of 58.3 pupils enrolled per teacher.

In terms of number reported, personnel employed, and pupils enrolled, the summer school, as a tuition-free adjunct of the city school system, declined sharply during the decade 1930-40; the trend in the decade 1940-50 has shown just as sharp a recovery. The tuition-free summer school as reported to this Office (table VII) has increased in number from a low of 135 in 1937-38 to 304 in 1949-50; in personnel employed, from 3,661 in 1937-38 to 9,134 in 1949-50; and in enrollment from 106,270 pupils in 1937-38 to 300,657 in 1949-50.

The Group III cities (population 10,000 to 29,999) reported 107 with summer schools in 1949-50, the largest number for any city group. In the Group III cities, reporting summer schools, there were 21.3 pupils enrolled per teacher. The comparable data for the other groups of cities were as follows: Group I reported 47 systems operating summer schools having an average enrollment of 40 pupils per teacher; Group II reported 73 systems, with an average enrollment of 25 pupils per teacher; Group IV reported 43 systems, with an average enrollment per teacher of 25.9 pupils; and the Group V cities reported 34 systems operating summer schools with 40.9 pupils enrolled per teacher. For all of these summer schools combined the average number of pupils enrolled for each instructional staff position was 35 (table 1).

Table VII.—Pupils and staff of part-time (adult, Americanization, night, and continuation) schools and summer schools in city school systems: 1939-40 to 1949-50

Year	Part-time schools				Summer schools			
	Systems reporting	Super- visors, princi- pals, and teachers	Enroll- ment	Pupils per staff member	Systems reporting	Super- visors, princi- pals, and teachers	Enroll- ment	Pupils per staff member
1	2	3	4	5	6	7	8	9
1939-40-----	482	20,495	1,099,343	53.6	170	3,938	127,452	32.1
1945-46-----	532	18,607	956,154	51.4	173	5,402	215,254	40.1
1947-48-----	876	20,625	1,177,282	59.7	278	8,042	264,651	33.1
1949-50-----	889	26,493	1,544,829	58.3	304	9,134	300,657	35.3

Finances

Sources of Revenue

A percentage distribution of revenues by source in 1949-50 for all public-school systems in cities of 2,500 population and more was as follows: from local sources, 62.1 percent; from State governments, 26.1 percent; from county governments, 8.7 percent; from Federal Government, 1.2 percent; and from miscellaneous sources, as proceeds of fines, gifts, etc., 1.9 percent (table VIII).

A corresponding distribution made for the 1941-42 school year shows that the major changes in the percentages have occurred in the revenue derived from State and county sources, both of which increased in 1949-50 over 1941-42 with corresponding percentage reductions in revenues derived from local sources (table VIII). The variations shown for the same year for city school systems of different groups are considerable. For example, the greater percentages (34.6 and 37.1, respectively) of total funds derived by Groups IV and V cities (populations 2,500 to 9,999) were from State sources. These smaller cities are beneficiaries of the school financing principle that the distribution of the State funds should be apportioned in relation to existing need. The smaller city school systems, in general, being less able to finance education, receive a proportionately larger share of State funds than do the larger city school systems. The cities in Groups I, II, and III received less than 30 percent each from the State as support for their local school systems.

Table VIII.—Percentage analysis of revenue receipts in city school systems, by population group: 1949-50

Population group	Total	Federal Government (direct)	State government, including Federal aid for vocational education	County government	Local sources				All other sources
					Total from local sources	From taxation and municipal appropriations for current expense	From taxation for debt service	From other districts for tuition and transfers	
1	2	3	4	5	6	7	8	9	10
1949-50									
All groups combined	100.0	1.2	26.1	8.7	62.1	56.3	3.7	2.1	1.9
I.....	100.0	1.0	20.6	8.5	68.7	65.4	2.7	0.6	1.2
II.....	100.0	1.2	26.2	7.2	63.5	56.9	4.5	2.1	1.9
III.....	100.0	1.2	29.6	9.3	56.7	48.9	4.4	3.4	3.2
IV.....	100.0	2.0	34.6	9.2	51.9	42.9	4.7	4.3	2.3
V.....	100.0	1.7	37.1	10.6	48.1	39.1	4.2	4.8	2.5
1941-42									
All groups combined	100.0	.5	23.0	2.2	73.4	62.6	9.2	1.6	1.3
Change in percentage: 1942-50.....		+1.7	+3.1	+6.5	-11.3	-6.3	-5.5	+1.5	+1.6

The distribution shown for revenue receipts from local sources, in general, declined between 1942 and 1950. Specifically, however, the proportion of revenue receipts from other districts for tuition and transfers (a local source of revenue) increased slightly in the 8-year period; and the proportion of the total from taxation for debt service has continued the decline which started during World War II years.

Of the \$2,978,897,999 reported as total revenue receipts for 1949-50 by the city school systems in this report, the 89 Group I cities accounted for 46.1 percent; Group II cities, 17.0 percent; Group III cities, 17.3 percent; Group IV cities, 10.2 percent; and Group V cities, 9.4 percent.

To finance public education through city schools for 50 percent of the total enrollment of boys and girls throughout the Nation, the city school systems received 54.8 percent of the \$5,437,044,000 reported in 1949-50 as total revenue receipts for all public elementary and secondary education in the United States.

Expenditures

Salaries of instructional staff (full-time day schools).—Data are available for comparing the average annual salaries of supervisors, principals, and teachers for 1939-40, 1947-48, and 1949-50 on the basis of the average amount in salary paid in each of such school years, and also on the basis of these averages in salary adjusted to show the relative purchasing power

as expressed in terms of 1949-50 dollar values according to the Consumers' Price Index, Bureau of Labor Statistics (table IX).

On the basis of the adjusted dollar, the average salary paid to supervisors as reported by all groups of city school systems increased in 1949-50 over 1939-40 by \$403, or 9.2 percent, for the 10-year period and that for principals, decreased an average of \$164. The teacher average salary for all city groups gained \$158 between 1939-40 and 1949-50, an increase of 4.8 percent on the basis of adjusted dollar value. The average increase for the total instructional staff, all salaries combined—supervisors, principals, and teachers—was \$156, a gain of 4.6 percent in the decade.

Continuing this analysis for the various city-size groups discloses the rather startling fact that in the Group I cities (population 100,000 and more) the average salary as reported for each of the three categories of positions had decreased in amount an average of \$232, or by 5.5 percent between 1939-40 and 1949-50. The salary of principals in the Group I cities recorded the largest decline in the amount of average salary payments. The average salary of principals decreased \$759, or by 11.7 percent, compared with the decreases in the supervisor average salary of \$545, or 7.4 percent, and in the teacher average salary of \$401, or 5.2 percent, for the 10-year period on the basis of the adjusted 1949-50 dollar purchasing value.

The average salaries reported for the three separate instructional staff positions for each of the other three groups showed over-all increases of 12.6 percent in the Group II cities, 20.3 percent in the Group III cities, and 29.2 percent in the Group IV and V cities combined.

The largest increases in the average salary payment in 1949-50 compared with 1939-40 occurred in the supervisor positions in the Group IV and V cities and averaged \$913, or a 29.5 percent gain, for the period on the basis of the adjusted dollar. The largest average gains in each of the three categories of instructional positions were registered in the Group III, IV, and V cities. For example, the position of principal in the Group IV cities showed an increase of \$905 in the average salary, and that for the teacher position was \$632 in the same groups of cities as compared with the losses already described for the Group I cities, and such increases in the Group II cities for comparable positions as \$92 and \$401, respectively between 1939-40 and 1949-50 school years in terms of an adjusted dollar value (table IX).

Current expenditure per pupil (full-time day schools).—The total current expenditure per full-time day public-school pupil in average daily attendance reported for the Nation in 1949-50 was \$223.93. This was 24 percent (\$43.62) greater in amount in terms of an adjusted dollar of 1949-50 value than the expenditure per pupil reported for 1939-40 as compared with a 110 percent increase (\$117.30) for the unadjusted dollar value (table X).

Table IX.—Average annual salaries of supervisors, principals, and teachers in city public day schools, adjusted and unadjusted to 1949-50 purchasing power of the dollar, and percentage change by city-size group: 1939-40, 1947-48, and 1949-50

City-size group	Total instructional staff			Supervisors			Principals			Teachers		
	1939-40	1947-48	1949-50	1939-40	1947-48	1949-50	1939-40	1947-48	1949-50	1939-40	1947-48	1949-50
1												
All groups combined:												
Average salary (unadjusted).....	\$1,988	\$3,184	\$3,518	\$2,588	\$4,238	\$4,779	\$3,027	\$4,408	\$4,955	\$1,939	\$3,116	\$3,437
Average salary (adjusted).....	3,362	3,235	3,518	4,376	4,306	4,779	5,119	4,479	4,955	3,279	3,166	3,437
Percentage of change over 1940 (on basis of adjusted dollar).....	-----	-3.8	+4.6	-----	-1.6	+9.2	-----	-12.5	-3.2	-----	-3.4	+4.8
GROUP I:												
Average salary (unadjusted).....	2,514	3,730	4,019	3,573	4,956	5,597	3,852	5,197	5,755	2,450	3,654	3,927
Average salary (adjusted).....	4,251	3,790	4,019	6,042	5,035	5,597	6,514	5,280	5,755	4,143	3,712	3,927
Percent of change over 1940 (on basis of adjusted dollar).....	-----	-10.8	-5.5	-----	-13.7	-7.4	-----	-19.0	-11.7	-----	-10.4	-5.2
GROUP II:												
Average salary (unadjusted).....	1,854	3,131	3,531	2,536	4,121	4,715	2,890	4,374	4,979	1,800	3,057	3,445
Average salary (adjusted).....	3,135	3,181	3,531	4,288	4,187	4,715	4,887	4,444	4,979	3,044	3,106	3,445
Percent of change over 1940 (on basis of adjusted dollar).....	-----	+1.5	+12.6	-----	-2.4	+10.0	-----	-9.1	+1.9	-----	+2.4	+13.2
GROUP III:												
Average salary (unadjusted).....	1,562	2,803	3,176	1,941	3,732	4,249	2,343	3,960	4,387	1,519	2,735	3,101
Average salary (adjusted).....	2,641	2,848	3,176	3,282	3,792	4,249	3,962	4,023	4,387	2,569	2,779	3,101
Percent of change over 1940 (on basis of adjusted dollar).....	-----	+7.8	+20.3	-----	+15.5	+29.5	-----	+1.5	+10.7	-----	+8.2	+20.7
GROUPS IV AND V:												
Average salary (unadjusted).....	1,332	2,545	2,910	1,829	3,525	4,006	1,892	3,463	4,087	1,309	2,495	2,846
Average salary (adjusted).....	2,252	2,586	2,910	3,093	3,581	4,006	3,182	3,518	4,087	2,214	2,555	2,846
Percent of change over 1940 (on basis of adjusted dollar).....	-----	+14.8	+29.2	-----	+15.8	+29.5	-----	+10.6	+28.4	-----	+14.5	+28.5

On the basis of the dollar expressed in terms of purchasing power as in 1949-50, the Group I, or school systems in the largest cities expended \$247.57 per pupil for the six major current expenditure items the amount of \$32.44 per pupil more than in 1939-40. The Group II city school systems expended \$229.49 per pupil, or \$57.35 more than in 1939-40; the Group III, \$205.27, or an increase of \$57.61 per pupil for the decade; and the school systems of the combined Group IV and V cities reported \$191.27 as the per pupil expenditure in 1949-50, an increase of \$55.99 per pupil greater than that reported for 1939-40.

Table X.—Annual current expenditure per pupil in average daily attendance in full-time day schools in city systems, by population group: 1939-40 to 1949-50

[With comparative data on per capita disposable income in the United States]

Item	1939-40	1941-42	1943-44	1945-46	1947-48	1949-50	Increase from 1939-40 to 1949-50	
							Amount	Per- cent
1	2	3	4	5	6	7	8	9
EXPRESSED IN TERMS OF UNADJUSTED DOLLARS								
All groups combined.....	106.63	116.90	131.64	150.47	198.99	223.93	117.30	110.0
Group I.....	127.22	137.44	153.80	174.01	220.31	247.57	120.35	94.6
Group II.....	101.80	113.62	131.10	152.63	206.14	229.49	127.69	125.4
Group III.....	87.32	99.98	112.58	132.79	181.08	205.27	117.95	135.1
Groups IV and V.....	80.00	89.70	103.14	123.97	166.75	191.27	111.27	139.1
Per capita disposable income in the United States ¹	551.00	765.00	1,029.00	1,121.00	1,236.00	1,276.00	725.00	131.5
EXPRESSED IN DOLLARS OF SAME PURCHASING POWER AS IN 1949-50 ²								
All groups combined.....	180.31	177.69	179.03	195.46	202.17	223.93	43.62	24.2
Group I.....	215.13	208.91	209.17	226.04	223.83	247.57	32.44	15.1
Group II.....	172.14	172.70	178.30	198.27	209.44	229.49	57.35	33.3
Group III.....	147.66	151.97	153.11	172.49	183.98	205.27	57.61	39.0
Groups IV and V.....	135.26	136.34	140.27	161.04	169.42	191.27	55.99	41.4
Per capita disposable income in the United States ²	932.00	1,163.00	1,399.00	1,456.00	1,256.00	1,276.00	344.00	36.9

¹ SOURCE: Survey of Current Business, Supplement, 1951. p. 208.

² The adjustment to dollars with the same purchasing power as in 1949-50 was made by use of the Consumers' Price Index. (The monthly Consumers' Price Index figures needed for the calculation were obtained from Bureau of Labor Statistics, *Monthly Labor Review*, April 1951.)

Current expenditure for part-time (adult and continuation) schools and summer schools.—The expenditure for part-time education (adult, continuation, and evening schools) increased from \$8,441,447 to \$39,178,286, in the decade from 1939-40 to 1949-50. This represented an increase of \$12.38 per pupil enrolled in terms of the 1949-50 purchasing power of the dollar.

Similarly, the expenditure from public-school funds for summer schools increased appreciably in the years from 1937-38 to 1949-50. For all groups of cities combined the expenditure per pupil enrolled increased

from a low of \$11.25 to \$14.62 during such period in terms of 1949-50 dollars, an increase of 30 percent. In Group I cities the expenditure per pupil enrolled in 1949-50 was \$12.02; in Group II, \$22.01; in Group III, \$34.32; in Group IV, \$14.90; and in Group V, it was \$12.76.

Table XI.—Expenditures for part-time (adult and continuation) and summer schools in city school systems: 1939-40 to 1949-50

Year	Adult and continuation schools				Summer schools			
	Unadjusted		Adjusted ¹		Unadjusted		Adjusted ¹	
	Total for systems reporting (in thousands)	Expenditure per pupil enrolled	Total for systems reporting (in thousands)	Expenditure per pupil enrolled	Total for systems reporting (in thousands)	Expenditure per pupil enrolled	Total for systems reporting (in thousands)	Expenditure per pupil enrolled
1	2	3	4	5	6	7	8	9
1939-40-----	\$8,441	\$7.68	\$14,274	\$12.98	\$847	\$6.65	\$1,432	\$11.25
1945-46-----	15,269	15.97	19,834	20.75	2,063	9.58	2,680	12.44
1947-48-----	31,008	26.34	31,504	26.76	3,978	15.03	4,042	15.27
1949-50-----	39,178	25.36	39,178	25.36	4,394	14.62	4,394	14.62

¹ The adjustment to dollars with the same purchasing power as in 1949-50 was made by use of the Consumers' Price Index. The monthly Consumers' Price Index figures needed for the calculation were obtained from Bureau of Labor Statistics, *Monthly Labor Review*, April 1951.

Capital outlay.—The city school systems expenditure in 1949-50 for sites, new buildings, additions, improvements and new equipment was \$492,946,038, or \$44.65 per pupil in average daily attendance. In 1947-48 this capital outlay expenditure was less than half that reported for 1949-50—\$206,117,821, or \$19.71 per pupil in average daily attendance (table XII). Between 1943-44 and 1949-50 the expenditures for Capital Outlay increased from \$24,269,000 to \$492,946,000 in the attempt to meet the

Table XII.—Total amount and expenditure per pupil in average daily attendance for capital outlay in city school systems, by population group: 1939-40 to 1949-50

Year	All groups combined		Group I		Group II		Group III		Groups IV and V	
	Total (in thousands)	Per pupil	Total (in thousands)	Per pupil	Total (in thousands)	Per pupil	Total (in thousands)	Per pupil	Total (in thousands)	Per pupil
1	2	3	4	5	6	7	8	9	10	11
1939-40-----	\$130,263	\$11.73	\$66,725	\$13.09	\$24,103	\$12.83	\$19,536	\$10.08	\$19,899	\$9.07
1941-42-----	61,725	5.80	24,663	5.20	10,490	5.81	12,071	6.30	14,501	6.68
1943-44-----	24,269	2.41	10,107	2.30	3,488	2.06	5,004	2.65	5,650	2.28
1945-46-----	49,976	4.98	17,622	4.04	8,915	5.22	9,777	5.20	13,662	6.51
1947-48-----	206,118	19.71	81,923	18.35	34,221	19.29	38,989	19.73	50,985	22.77
1949-50-----	492,946	44.65	174,094	37.66	94,014	50.55	111,244	52.34	113,595	45.97

increasing needs imposed on the schools by obsolescence, and by inadequacies of all kinds existing in respect to school properties. The small city school systems have made greater increases in Capital Outlay expenditure per pupil in average daily attendance over the past 3 bienniums than the city school systems in Group I (population 100,000 and more).

Debt service.—With the increase in the school building program, expenditures for debt service have increased. The number of dollars needed to pay the interest and principal on long-term debt is not affected by recent changes in the value of the dollar. Present increases in the cost of building due to inflation will affect both the amount needed for interest and bond retirement in the future. Short-term loans may be immediately affected by inflation.

From 1947-48 to 1949-50 the redemption of short-term loans increased 17.4 percent, from 65 million to 76 million dollars. The redemption of school bonds from current funds (probably serial bonds from special bond and interest levies) increased 20.9 percent, from 93 million to 113 million dollars. The amount of bonds that were refunded by issuing new bonds decreased from just over one million dollars in 1947-48 to only about half a million dollars in 1949-50. Interest paid from current funds increased about 5 million dollars, or 11.3 percent, and interest technically paid from sinking funds increased only 3.1 percent. Payments into sinking funds to provide for retirement of bonds in the future also increased.

Distribution of expenditures among basic accounts.—Of the total current dollar expended by school systems in cities of 2,500 population and more in 1949-50 for full-time day, part-time, and also those summer schools supported from public funds, 3.5 cents were used for Administration; 70.7 cents for Instruction; 10.2 cents for Operation of the School Plant; 5.1 cents for Maintenance of the School Plant; 4.6 cents for Auxiliary School Services; 4.2 cents for Fixed Charges; and 1.7 cents for part-time and summer schools (table XIII). In general, as the size of the city increases, the proportion of the current school dollar spent for Administration decreases and the proportion of the expenditure shown for the Instruction account increases.

When other expenditures were added to current expense, the total expenditure dollar for all the city systems combined was divided as follows: Current expenditures (the six major functional accounts), 77.0 cents; Capital Outlay, 14.9 cents; Debt Service, 6.5 cents; and for Interest Payments, 1.6 cents. Since conditions are different in respect to each individual city's expenditure, it is obvious that no two school systems can distribute the current expenditure dollar in the same proportions for the various functional accounts. The analysis presented in table XIII, however, should afford superintendents and other interested school officials a fairly reliable general guide for the preparation of school budgets.

Table XIII.—Percentage analysis of current and total expenditures in city school systems, by population group: 1949-50

Purpose	All groups combined	Group I	Group II	Group III	Group IV	Group V
1	2	3	4	5	6	7
Current expenditures.....	100.0	100.0	100.0	100.0	100.0	100.0
General control.....	3.5	3.3	3.0	3.6	4.6	4.8
Instruction.....	70.7	70.3	72.9	72.1	70.9	68.3
Operation.....	10.2	9.9	10.8	10.7	10.1	9.8
Maintenance.....	5.1	5.2	5.5	5.0	4.6	4.7
Auxiliary services:						
Allocable to pupil cost.....	4.0	2.7	3.0	4.2	5.6	6.9
Nonallocable to pupil cost.....	.6	.7	.5	.4	.3	.5
Fixed charges:						
Allocable to pupil cost.....	3.6	5.3	2.1	2.3	2.4	2.4
Nonallocable to pupil cost.....	.6	.4	.7	.7	.6	1.0
Part-time schools.....	1.5	2.0	1.3	.9	.9	1.5
Summer schools.....	.2	.2	.2	.1	.1	.1
Total expenditures.....	100.0	100.0	100.0	100.0	100.0	100.0
Current expenditure.....	77.0	78.8	75.6	74.9	76.3	75.9
Capital outlay.....	14.9	11.6	16.2	19.1	17.4	18.4
Debt service (excluding interest).....	6.5	7.8	6.8	4.7	4.9	4.8
Interest payments.....	1.6	1.8	1.4	1.3	1.4	.9

Despite the general pattern of uniformity shown for each city-group in the percentage distribution for the six major functional accounts (table XIII), the per pupil expenditure for each of the major accounts as reported by individual cities covers a wider range in each group (table XIV). In 1949-50 for all city school systems the range in the proportion of the total current expense dollar allocated to the Administration account was from 1.2 to 8.4 percent; the range in the Instruction allocation was from 59.3 to 85.1; that for Operation of School Plant was from 5.5 to 18.6; for Maintenance of School Plant, from 0.6 to 14.3; for Auxiliary School Services the allocation was from nothing to 19.5 percent; and for Fixed Charges the allocation of the total expense dollar was from nothing to 10.9 percent.

Table XIV.—Range in percentages of total current expenditure allocated to each major account in city school systems: 1949-50

Major account	Percentage range				
	All groups combined	Group I	Group II	Group III	Groups IV and V
1	2	3	4	5	6
Administration.....	1.2- 8.4	1.3- 6.1	1.2- 5.5	1.3- 6.5	2.4- 8.4
Instruction.....	59.3-85.1	68.0-84.5	67.1-81.9	62.5-85.1	59.3-84.8
Operation of physical plant.....	5.5-18.6	6.1-15.8	6.4-16.2	5.6-18.6	5.5-15.2
Maintenance of physical plant.....	.6-14.3	1.3-12.2	1.0-14.3	1.1-10.4	.6-11.8
Auxiliary school services.....	.0-19.5	.5- 6.7	.3- 6.6	.0- 9.0	.0-19.5
Fixed charges.....	.0-10.9	.0-10.9	.3- 8.2	.0-10.9	.0- 6.5

Indebtedness

The bonded indebtedness in 1949-50, less amounts in school sinking funds and interest accounts, for all city school systems of 2,500 population and more, was \$1,596,455,708, or \$144.52 per pupil in average daily attendance (table XV). Other forms of school debt outstanding in 1949-50, such as unpaid teachers' warrants, short-term loans, and current obligations amounted to \$92,796,657 for all groups of city school systems (table 2).

The amount of bonds outstanding, less the amounts of school bond reserves and sinking funds, per pupil in average daily attendance in 1949-50 was greater by \$31.78 per pupil than the total reported for 1947-48. This increase of 28.1 percent in the 2-year period reflects, no doubt, the additional bonds floated to meet the greater expenditure in 1949-50 for schoolhouse construction and purchases of equipment, as compared with that of 1947-48. The amount of bonded indebtedness outstanding per pupil in average daily attendance for all city groups in 1949-50 (\$144.76) has increased by \$50.28, or 53.2 percent over the \$94.48 per pupil in average daily attendance reported in 1945-46, which was the lowest amount in recent years.

In the distribution of the bonded indebtedness reported for city school systems, the amounts of the increases per pupil in average daily attendance reported since 1945-46 are inversely related to the population-size of the city group. The Group IV and V cities (population 2,500 to 9,999) reported an increase per pupil of \$72.56, or 99.8 percent, over that shown for 1945-46; the Group III cities (population 10,000 to 29,999) increased their bonded indebtedness per pupil by \$64.88, or 66.1 percent, over 1945-46; Group II cities (population 30,000 to 99,999) reported an increase of \$66.99 per pupil, or 56.2 percent; and the Group I cities, (the largest) reported an increase of \$25.08, or 26.2 percent, over the 1945-46 figure for the same item.

Table XV.—Total bonds outstanding, less amount in bond reserves and sinking funds, and amount per pupil in average daily attendance in city school systems, by population group: 1939-40 to 1949-50

Year	All groups combined		Group I		Group II		Group III		Groups IV and V	
	Total (in thousands)	Per pupil in A. D. A.	Total (in thousands)	Per pupil in A. D. A.	Total (in thousands)	Per pupil in A. D. A.	Total (in thousands)	Per pupil in A. D. A.	Total (in thousands)	Per pupil in A. D. A.
1	2	3	4	5	6	7	8	9	10	11
1939-40...	\$1, 596, 510	\$179.12	\$1, 015, 882	\$199.35	\$304, 290	\$161.93	\$276, 338	\$142.59	(1)	(1)
1941-42...	1, 646, 429	194.56	1, 073, 457	226.41	302, 351	167.50	270, 621	141.25	(1)	(1)
1943-44...	1, 403, 057	176.07	923, 920	210.60	255, 621	150.68	223, 516	118.56	(1)	(1)
1945-46...	958, 442	94.48	417, 774	95.87	203, 419	119.16	184, 625	98.16	\$152, 624	\$72.73
1947-48...	1, 181, 209	112.98	477, 993	100.32	247, 215	139.33	234, 646	118.76	251, 355	112.24
1949-50...	1, 596, 455	144.76	559, 175	120.95	346, 224	186.15	331, 984	163.04	359, 072	145.29

¹ Data are not available.

Property

On the basis of original cost, the amount reported as the value of school property (sites, buildings, and equipment—exclusive of inventories of supplies) in all groups of cities was \$7,590,345,187 in 1949-50, and the value per pupil in average daily attendance was \$688 (table 2). From 1939-40 to 1949-50 the value of school property per pupil in average daily attendance increased in each group of cities (table XVI).

Of the total school property reported for 1949-50, the Group I cities owned 44.2 percent, an investment of \$3,359,272,038, or \$727 per pupil in average daily attendance; Group II city school systems' share of the total was 16.8 percent, or \$685 per pupil; the Group III city schools systems accounted for 11.2 percent, or \$636 per pupil; and the Groups IV and V combined had 9.1 percent of the total, or \$602 per pupil in average daily attendance. Since the investment per pupil in average daily attendance may fluctuate from year to year reflecting increases or decreases in the attendance figures, historical comparisons are not valid measures of investment trends in school property. However, *in dollars of the value when they were spent*, the total investment in school property increased \$1,079,170,187, or 16.6 percent, from 1947-48 to 1949-50.

Table XVI.—School property investment per pupil in average daily attendance in city school systems, by population group: 1939-40 to 1949-50

Year	All groups combined	Group I	Group II	Group III	Groups IV and V
1	2	3	4	5	6
1939-40.....	\$474	\$539	\$485	\$430	\$355
1941-42.....	520	592	536	475	388
1943-44.....	637	657	578	506	457
1945-46.....	555	657	601	529	501
1947-48.....	623	670	660	595	531
1949-50.....	688	727	685	636	621

Table 1.—Comparative summary of general statistical data of public-school systems in cities of 2,500 population and more: 1949-50

Item	City-size groups: Based on United States census of 1940 ¹					
	All groups combined	Group I 100,000 popula- tion and more	Group II 30,000 to 99,999 popula- tion	Group III 10,000 to 29,999 popula- tion	Group IV 5,000 to 9,999 popula- tion	Group V 2,500 to 4,999 popula- tion
1	2	3	4	5	6	7
I. FULL-TIME DAY SCHOOLS:						
Number of city school systems.....	3, 141	89	249	726	902	1, 175
Number of superintendents and other administrative staff.....	5, 579	1, 178	948	1, 106	1, 052	1, 295
Number of supervisors.....	5, 823	1, 935	1, 479	1, 523	593	293
Number of principals.....	20, 070	7, 849	3, 500	4, 022	2, 549	2, 150
Number of teacher and other instructional staff positions:						
Men.....	100, 666	38, 836	16, 945	19, 845	13, 247	11, 793
Women.....	347, 505	142, 325	61, 920	66, 440	41, 729	35, 091
Total.....	448, 171	181, 161	78, 865	86, 285	54, 976	46, 884
Number of clerks:						
For administration.....	13, 040	6, 547	2, 018	2, 431	1, 081	963
For instruction.....	14, 350	8, 199	3, 157	1, 434	938	622
Number of pupils enrolled:						
Boys.....	6, 477, 165	2, 785, 281	1, 075, 417	1, 196, 006	770, 961	649, 500
Girls.....	6, 219, 559	2, 641, 901	1, 036, 878	1, 156, 279	752, 134	632, 367
Total.....	12, 696, 724	5, 427, 182	2, 112, 295	2, 352, 285	1, 523, 095	1, 281, 867
Number of pupils in average daily attendance.....	11, 039, 945	4, 623, 163	1, 859, 880	2, 085, 589	1, 339, 399	1, 131, 914
Number of days attended in the aggregate.....	2, 002, 707, 581	855, 750, 709	335, 335, 123	370, 390, 160	239, 327, 333	201, 904, 256
Average length of school year in actual number of days taught..	181	185	180	178	179	178
Average number of days attended per pupil enrolled.....	158	158	159	157	157	158
Percent of pupils enrolled in average daily attendance.....	86.9	85.2	88.1	88.7	87.9	88.3
II. DISTRIBUTION, by SCHOOL LEVEL, OF PERSONNEL AND ATTENDANCE IN FULL-TIME PUBLIC DAY SCHOOLS:						
Kindergarten (including nursery schools):						
Number of city systems reporting.....	1, 680	79	166	398	462	575
Number of supervisors.....	58	29	18	7	2	2
Number of teachers: Women..	14, 342	7, 395	2, 280	2, 385	1, 274	1, 008
Enrollment (including nurs- ery):						
Boys.....	408, 529	226, 022	63, 587	60, 646	32, 624	25, 650
Girls.....	393, 084	218, 670	60, 347	58, 484	31, 017	24, 566
Total.....	801, 613	444, 692	123, 934	119, 130	63, 641	50, 216
Average daily attendance.....	520, 882	284, 124	75, 526	77, 673	46, 903	36, 656
Number of pupils enrolled per teacher.....	56	63	55	50	49	50
Number of pupils in average daily attendance per teach- er.....	36	38	33	33	37	36
Number of kindergarten schools or classes (half-day sessions counted as full-time units).....	10, 694	4, 940	1, 806	1, 890	1, 181	877
Elementary schools:						
Number of systems reporting..	3, 001	89	243	692	860	1, 117
Number of supervisors.....	3, 223	993	853	901	319	157
Number of principals.....	12, 895	5, 457	2, 410	2, 604	1, 406	1, 018

See footnote at end of table.

Table 1.—Comparative summary of general statistical data of public-school systems in cities of 2,500 population and more: 1949-50—Continued

Item	City-size groups: Based on United States census of 1950 ¹					
	All groups combined	Group I 100,000 population and more	Group II 30,000 to 99,999 popula- tion	Group III 10,000 to 29,999 popula- tion	Group IV 5,000 to 9,999 popula- tion	Group V 2,500 to 4,999 popula- tion
1	2	3	4	5	6	7
II. DISTRIBUTION, by SCHOOL LEVEL, OF PERSONNEL AND ATTENDANCE IN FULL-TIME PUBLIC DAY SCHOOLS—Continued						
Elementary schools—Con.						
Number of teachers:						
Men.....	19,011	7,227	2,837	3,591	2,852	2,504
Women.....	224,881	92,192	39,655	42,731	27,304	22,999
Total.....	243,892	99,419	42,492	46,322	30,156	25,503
Percent of men teachers.....	7.8	7.3	6.7	7.8	9.5	9.8
Enrollment:						
Boys.....	3,789,637	1,564,916	625,986	704,793	485,235	408,707
Girls.....	3,604,682	1,484,903	599,250	671,175	461,899	387,455
Total.....	7,394,319	3,049,819	1,225,236	1,375,968	947,134	796,162
Average daily attendance.....	6,536,961	2,688,903	1,083,815	1,229,772	831,599	702,872
Number of pupils enrolled per teacher.....	30	31	29	30	31	31
Number of pupils in average daily attendance per teacher.....	27	27	26	27	28	28
Number of schools.....	19,555	5,977	3,251	4,350	3,056	2,921
Secondary schools:						
Number of systems reporting.....	2,864	89	236	679	817	1,043
Number of supervisors.....	2,494	90	598	603	270	133
Number of principals.....	7,001	2,316	1,049	1,386	1,126	1,124
Number of teachers:						
Men.....	78,231	29,531	13,485	15,750	10,284	9,181
Women.....	106,525	41,949	19,552	20,964	13,032	11,028
Total.....	184,756	71,480	33,037	36,714	23,316	20,209
Percent of men teachers.....	42.3	41.3	40.8	42.9	44.1	45.4
Enrollment:						
Boys.....	2,171,531	920,081	368,538	418,787	250,640	213,485
Girls.....	2,157,654	893,161	366,743	420,447	257,893	219,410
Total.....	4,329,185	1,813,242	735,281	839,234	508,533	432,895
Average daily attendance.....	3,854,585	1,583,871	656,875	765,989	457,677	390,273
Number of pupils enrolled per teacher.....	23	25	22	23	22	21
Number of pupils in average daily attendance per teacher.....	21	22	20	21	20	19
Number of schools.....	6,080	1,422	848	1,331	1,105	1,374
City universities, colleges, and normal schools:						
Number of systems reporting.....	122	17	24	42	21	18
Number of supervisors.....	48	23	10	12	2	1
Number of principals.....	174	76	41	32	17	8
Number of teachers:						
Men.....	3,424	2,078	623	504	111	108
Women.....	1,757	789	433	360	119	56
Total.....	5,181	2,867	1,056	864	230	164
Enrollment:						
Boys.....	107,494	74,262	17,332	11,780	2,462	1,658
Girls.....	64,113	45,167	10,512	6,173	1,325	936
Total.....	171,607	119,429	27,844	17,953	3,787	2,594
Average daily attendance.....	102,483	66,265	18,630	12,155	3,320	2,113
Number of schools.....	137	30	24	44	22	18

See footnote at end of table.

Item	City-size groups: Based on United States census of 1940 ¹					
	All groups	Group I 100,000 popula- tion and more	Group II 30,000 to 99,999 popula- tion	Group III 10,000 to 29,999 popula- tion	Group I 5,000 to 9,999 popula- tion	Group 2,500 to 4,999 popula- tion
1	2	3	4	5	6	7
III. ADULT EDUCATION: AMERICANIZATION; NIGHT; AND CONTIN- UATION SCHOOLS:						
Number of systems reporting.....	889	73	147	261	212	196
Supervisors and principals.....	916	457	207	141	71	40
Teachers.....	26,493	14,027	5,311	3,736	1,958	1,461
Total supervisors, principals, and teachers.....	27,670	14,484	5,518	4,138	2,029	1,501
Enrollment.....	1,544,829	1,002,866	213,505	212,382	69,743	46,333
Number of pupils enrolled per teacher.....	58.3	71.5	40.2	56.8	35.6	31.7
IV. SUMMER SCHOOLS:						
Number of systems reporting.....	304	47	73	107	43	34
Supervisors and principals.....	428	275	70	74	6	3
Teachers.....	8,529	5,926	1,461	844	211	87
Total supervisors, prin- cipals, and teachers.....	9,134	6,201	1,601	1,025	217	90
Enrollment.....	300,657	237,612	36,033	17,976	5,470	3,566
Number of pupils enrolled per teacher.....	35.3	40.1	24.7	21.3	25.9	40.9

¹ The 1950 United States census figures for population were not available for these 1949-50 tabulations.

Table 2.—Comparative summary of fiscal data of public-school systems in cities of 2,500 population and more: 1949-50

[Thousands of dollars ¹]

Item	City-size groups: Based on United States census of 1940 ¹					
	All groups combined	Group I	Group II	Group III	Group IV	Group V
1	2	3	4	5	6	7
I. RECEIPTS AND BALANCES:						
Revenue receipts from:						
Federal Government for veterans' educa- tion.....	22,458	9,168	5,017	3,041	2,663	2,569
Federal Government other than veterans' educa- tion.....	14,090	4,401	1,170	2,791	3,463	2,265
The State.....	776,222	282,089	132,757	152,551	105,126	103,700
The county (taxes and appropriations).....	259,117	117,109	36,423	45,073	27,955	29,558
Local taxation.....	1,562,890	827,996	267,169	235,724	125,651	106,350
Separate tax levy by district, city, or county for debt service.....	109,215	37,691	22,965	22,865	14,225	11,469
Appropriations from local civil divisions.....	115,818	69,972	21,379	16,845	4,606	3,015
Other school districts for tuition and transfers.....	62,174	7,480	10,475	17,710	13,151	13,358
All other local revenue receipts.....	56,914	16,713	9,564	16,604	6,880	7,154
Total revenue receipts.....	2,978,898	1,372,619	506,918	516,203	303,719	279,439
Nonrevenue receipts from:						
Loans and bond sales.....	425,946	160,594	87,151	103,084	46,005	29,112
All other nonrevenue sources.....	35,925	13,063	6,039	7,027	5,411	4,385
Total nonrevenue receipts.....	461,871	173,657	93,190	110,111	51,416	33,496
Total revenue and nonrevenue receipts.....	3,440,769	1,546,276	600,108	626,315	355,134	312,935

See footnotes at end of table.

Table 2.—Comparative summary of fiscal data of public-school systems in cities of 2,500 population and more: 1949-50—Continued

Item	City-size groups: Based on United States census of 1940 ¹					
	All groups combined	Group I	Group II	Group III	Group IV	Group V
1	2	3	4	5	6	7
I. RECEIPTS AND BALANCES—Continued						
Balances from previous year for:						
Current operations.....	278,699	79,979	61,413	61,735	39,376	36,195
Building reserve.....	419,557	190,333	77,944	81,485	41,395	28,400
Serial bond interest and redemption.....	66,372	32,555	11,081	9,356	6,614	6,765
Grand total (all receipts and balances).....	4,205,396	1,849,144	750,546	778,891	442,519	384,296
II. EXPENDITURES:						
(Full-time day schools)						
Administration (General control):						
Business.....	40,915	19,052	7,150	7,472	5,026	2,215
Educational.....	48,269	18,219	6,092	8,445	6,967	8,547
Total.....	89,184	37,271	13,242	15,917	11,992	10,762
Expenditures for instruction:						
(Full-time day schools)						
Salaries:						
Supervisors.....	27,826	10,831	6,974	6,471	2,321	1,229
Principals.....	99,447	45,169	17,425	17,646	10,671	8,535
Teachers and other instructional staff.....	1,540,521	711,425	271,670	267,539	159,602	130,284
Clerks.....	40,263	24,926	6,931	4,839	2,154	1,413
Cost of free textbooks.....	20,286	8,143	3,206	3,554	2,737	2,646
Cost of supplies, school libraries, and other instructional expenditures.....	71,541	26,134	13,773	15,229	8,898	7,507
Total expenditures for instruction.....	1,799,884	826,629	319,980	315,278	186,383	151,614
Operation of school plant (janitors' wages, fuel, light, etc.).....	258,674	116,390	47,297	46,814	26,540	21,633
Maintenance of school plant (repairs and replacements).....	129,352	61,209	24,025	21,762	12,055	10,302
Auxiliary school services:						
Promotion of health.....	26,949	12,918	5,130	4,702	2,648	1,551
School-lunch programs.....	18,248	4,157	3,054	4,382	3,330	3,325
Extracurricular activities allocated to pupil costs.....	27,289	16,823	2,542	3,331	2,599	1,994
Transportation of pupils.....	29,770	6,995	2,580	5,749	6,028	8,418
Community services: (Disbursements made by the local board of education for various activities not allocable to pupil costs; e. g., public libraries not devoted to school use; public recreation; and services to nonpublic schools).....	14,226	8,200	2,377	1,797	840	1,012
Fixed charges:						
Allocated to pupil costs.....	92,858	62,175	8,975	10,199	6,264	5,245
Not allocated to pupil costs (transfers between districts for tuition, bus services, etc.).....	14,893	5,217	2,862	3,005	1,555	2,254
Amount of current expenditure allocated to pupil costs (full-time day schools).....	2,472,207	1,144,567	426,824	428,132	257,839	214,844
Amount of current expenditure not allocated to pupil costs (full-time day schools).....	29,118	13,417	5,239	4,802	2,395	3,266
Total current expenditure full-time day schools.....	2,501,326	1,157,984	432,063	432,934	260,234	218,110
III. PART-TIME SCHOOLS: ADULT; AMERICANIZATION; NIGHT; AND CONTINUATION SCHOOLS AND CLASSES:						
Expenditure for instruction.....	34,667	21,212	4,988	3,680	2,262	2,524
All other expenditures.....	4,511	2,508	913	362	188	540
Total expenditures.....	39,178	23,720	5,902	4,042	2,451	3,064
Expenditure per pupil enrolled (dollars).....	\$25.36	\$23.65	\$27.64	\$19.03	\$35.01	\$66.13

See footnotes at end of table.

Table 2.—Comparative summary of fiscal data of public-school systems in cities of 2,500 population and more: 1949-50—Continued

Item	City-size groups: Based on United States census of 1940 ¹					
	All groups combined	Group I	Group II	Group III	Group IV	Group V
1	2	3	4	5	6	7
IV. SUMMER SCHOOLS (CONDUCTED AT PUBLIC EXPENSE):						
Expenditure for instruction.....	3,559	2,444	633	364	74	44
All other expenditures.....	835	413	160	253	7	1
Total expenditures.....	4,394	2,857	793	617	82	46
Expenditure per pupil enrolled (dollars).....	\$14.62	\$12.02	\$22.01	\$34.32	\$14.90	\$12.76
Total current expenditure for day, part-time, and summer schools.....	2,544,898	1,184,561	438,758	437,593	262,767	221,220
V. EXPENDITURE FOR CAPITAL OUTLAY:						
For sites, new buildings, additions, and improvements.....	432,916	157,429	81,572	96,583	51,182	46,151
For new equipment.....	60,030	16,665	12,442	14,661	8,598	7,665
Total expenditure for capital outlay.....	492,946	174,094	94,014	111,244	59,780	53,815
VI. EXPENDITURE FOR DEBT SERVICE:						
For redemption of short-term loans.....	76,216	65,005	4,829	2,941	2,429	1,011
For redemption of school bonds:						
Paid from current funds.....	112,976	42,814	29,976	18,701	11,385	10,101
Paid from sinking funds.....	11,516	3,732	2,524	2,175	1,630	1,455
Paid by issue of new bonds.....	518		57	355	30	77
For interest paid on indebtedness:						
Paid from current funds.....	51,284	28,536	7,894	7,389	4,791	2,674
Paid from sinking funds.....	3,087	233	935	763	717	439
For payment into school sinking funds.....	19,504	8,034	4,454	3,767	2,269	978
For all other items of debt service.....	6,016	675	189	2,361	900	1,892
Total expenditure from current funds for debt service.....	265,997	145,064	47,342	35,160	21,775	16,657
VII. GRAND TOTAL OF ALL CURRENT EXPENDITURES.....	3,303,841	1,503,719	580,113	583,996	344,321	291,692
VIII. BALANCES CARRIED TO FOLLOWING SCHOOL YEAR:						
For current operations.....	356,872	99,193	67,813	90,090	54,881	44,895
For building reserves.....	453,609	196,114	89,403	93,418	36,465	38,209
For serial bond interest and redemption.....	91,092	50,118	13,217	11,405	6,851	9,501
Total of balances.....	901,573	345,425	170,433	194,913	98,198	92,605
IX. ALL EXPENDITURES FROM CURRENT FUNDS PLUS BALANCES CARRIED INTO FOLLOWING YEAR.....	4,205,415	1,849,144	750,546	778,909	442,519	384,296
X. BONDS AND SINKING FUNDS:						
School bonds outstanding at close of school year.....	1,760,660	620,542	378,968	361,132	227,448	172,570
Other forms of school debt at close of school year.....	92,797	65,355	10,749	7,779	5,517	3,396
Total amount in school sinking funds at close of school year.....	69,018	34,043	12,312	11,088	4,683	6,893
Total amount in interest and bond accounts at close of school year.....	95,187	27,325	20,432	18,061	17,865	11,505
XI. VALUE OF SCHOOL PROPERTY:						
Total value.....	7,590,345	3,359,272	1,274,910	1,422,028	852,525	681,610
Value per pupil in average daily attendance (dollars).....	\$688	\$727	\$685	\$682	\$636	\$602

¹ The 1950 United States census figures for population were not available for these 1949-50 tabulations.² Each figure has been independently rounded to the nearest thousand from figures computed to the last digit; hence, the sum of parts shown may differ slightly from the totals shown.

Table 3.—Personnel, attendance, and current expenditure

GROUP I.—CITIES OF 100,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	Super- visors (posi- tions)	Princi- pals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of ² school year (days taught)	Adminis- tration (general control)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
1 Continental United States.....	1,935	7,849	38,836	142,325	2,785,281	2,641,901	4,623,163	-----	\$37,271,205
2 ALABAMA.....									
3 Birmingham.....	12	51	181	1,337	25,435	25,176	43,203	180	148,561
4 CALIFORNIA.....	216	1,079	5,223	15,243	331,454	296,087	531,678	-----	5,594,885
5 Long Beach ³	21	42	435	1,080	32,692	26,405	38,974	177	483,641
6 Los Angeles.....	107	609	3,159	8,560	195,638	176,543	314,529	178	3,379,958
7 Oakland.....	30	110	330	1,432	25,549	24,763	48,348	175	426,462
8 Sacramento.....	16	34	237	576	10,477	9,749	18,696	170	190,351
9 San Diego.....	18	94	413	1,308	25,822	23,655	41,875	178	435,855
10 San Francisco.....	24	190	649	2,287	41,276	34,972	69,256	179	678,618
11 COLORADO.....									
12 Denver.....	34	129	514	1,294	28,906	27,381	46,491	177	503,903
13 CONNECTICUT.....	32	118	375	2,075	31,978	31,106	55,474	-----	314,249
14 Bridgeport.....	8	35	84	635	9,903	10,030	17,688	180	48,029
15 Hartford.....	7	31	136	723	11,100	10,538	18,274	180	135,522
16 New Haven.....	17	52	155	717	10,975	10,538	19,512	181	130,698
17 DELAWARE.....									
18 Wilmington.....	12	20	120	431	6,416	6,127	11,734	184	192,369
19 DISTRICT OF CO- LUMBIA.....									
20 Washington.....	41	168	602	2,790	48,321	49,243	84,729	176	577,509
21 GEORGIA.....									
22 Atlanta.....	11	64	260	1,391	25,534	24,888	43,263	180	214,943
23 ILLINOIS.....	94	413	2,429	11,028	217,468	201,214	373,263	-----	3,513,703
24 Chicago.....	83	379	2,273	10,554	209,093	193,159	359,235	190	3,391,084
25 Peoria.....	11	34	156	474	8,375	8,055	14,028	185	122,619
26 INDIANA.....	62	194	967	2,892	58,014	56,503	97,259	-----	366,021
27 Fort Wayne.....	11	24	169	396	8,022	7,756	13,632	182	42,423
28 Gary.....	14	22	142	555	11,158	10,815	19,677	187	116,996
29 Indianapolis.....	28	124	494	1,583	30,983	30,490	50,543	175	142,108
30 South Bend.....	9	24	162	358	7,851	7,442	13,407	174	64,494
31 IOWA.....									
32 Des Moines.....	10	33	217	758	15,933	15,464	26,620	180	216,449
33 KANSAS.....	18	82	280	1,186	25,991	24,753	43,721	-----	251,607
34 Kansas City.....	8	38	136	493	11,813	11,265	20,136	173	95,257
35 Wichita.....	10	44	144	693	14,178	13,488	23,585	177	156,350
36 KENTUCKY.....									
37 Louisville.....	12	65	295	1,239	19,811	19,493	37,515	182	291,856
38 LOUISIANA.....									
39 New Orleans.....	21	89	333	1,667	31,574	32,495	52,573	182	146,601
40 MARYLAND.....									
41 Baltimore.....	70	134	822	3,212	63,826	60,433	102,770	184	780,272

See footnotes at end of Group I of this table.

data for public-school systems, by State and by city: 1949-50

POPULATION OR MORE

CURRENT EXPENDITURES FOR—Continued

Instruction in full-time day schools only					School plant			Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Main- tenance	
Supervisors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
\$10,831,031	\$45,169,278	\$711,425,443	\$24,925,900	\$34,277,204	\$826,628,856	\$116,389,641	\$61,208,784	\$1,184,561
50,329	218,771	4,158,903	113,642	101,432	4,643,078	420,895	269,052	5,636
1,316,221	6,536,263	85,017,490	4,934,712	5,841,024	103,645,710	12,374,455	7,977,524	154,817
127,735	259,834	6,343,490	513,902	364,344	7,609,305	953,124	447,492	10,639
698,155	3,949,841	49,353,404	2,987,434	3,247,963	60,236,797	6,682,755	4,817,174	89,939
143,011	495,607	6,970,116	343,058	510,021	8,461,813	1,103,514	652,783	13,529
66,850	220,918	3,270,472	184,066	265,251	4,007,557	640,840	274,454	5,487
91,999	379,286	6,477,068	412,470	540,391	7,901,214	991,956	485,054	11,300
188,471	1,230,777	12,602,940	493,782	913,054	15,429,024	2,002,266	1,300,567	23,923
160,879	709,801	6,609,532	355,265	383,178	8,218,650	845,221	804,828	12,940
158,061	626,428	8,849,307	257,449	337,875	10,229,121	1,478,390	560,206	13,532
47,382	234,444	2,319,019	39,208	100,275	2,740,329	392,021	201,709	3,481
42,120	179,841	3,462,069	163,151	137,634	3,984,815	581,769	188,722	5,472
68,559	212,143	3,068,219	55,090	99,966	3,503,977	504,600	169,775	4,579
85,302	118,466	2,108,224	57,218	88,261	2,457,471	344,594	61,469	3,249
219,595	902,542	13,097,443	338,813	628,578	15,186,971	2,994,984	1,070,997	22,320
45,523	296,727	4,559,572	174,537	115,987	5,192,346	618,939	399,594	7,362
744,246	2,590,965	57,975,642	2,314,677	3,326,297	66,951,827	12,950,283	4,246,834	95,290
692,239	2,440,700	55,689,664	2,277,302	3,226,544	64,326,449	12,576,328	3,961,764	91,765
52,007	150,265	2,285,978	37,375	99,753	2,625,378	373,955	285,070	3,525
316,872	1,069,903	15,568,289	373,443	424,174	17,752,681	2,804,134	773,388	24,632
60,000	140,524	2,481,756	50,595	60,266	2,793,141	419,141	113,878	3,510
63,980	136,785	2,630,678	120,894	147,766	3,100,103	473,779	181,140	4,220
137,223	662,570	8,212,852	155,590	174,143	9,342,378	1,485,358	351,581	13,229
55,669	130,024	2,243,003	46,364	41,999	2,517,059	425,856	126,789	3,673
65,976	164,676	3,464,020	58,696	147,366	3,900,734	737,785	343,616	5,835
92,098	420,549	4,753,867	23,570	296,915	5,586,999	679,137	512,887	7,307
39,148	196,572	1,859,012	23,570	84,400	2,202,702	359,869	186,478	3,005
52,950	223,977	2,894,855		212,515	3,384,297	319,268	326,409	4,302
67,200	387,078	5,699,718	159,706	250,711	6,564,413	760,330	1,017,907	9,195
100,836	407,356	6,297,790	141,224	144,619	7,091,825	624,805	1,015,902	11,131
430,894	867,139	15,973,686	270,840	591,169	18,133,728	2,349,158	1,085,773	25,722

Table 3.—Personnel, attendance, and current expenditure data

GROUP I.—CITIES OF 100,000

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	City	Super- visors (posi- tions)	Princi- pals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year ² (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
42	MASSACHUSETTS.....	77	308	1,675	5,407	104,670	96,702	174,075	-----	1,928,262
43	Boston.....	5	105	814	2,162	52,312	47,412	83,239	180	1,287,211
44	Cambridge.....	6	20	156	345	6,142	5,385	9,807	180	162,428
45	Fall River.....	13	31	52	368	6,103	5,478	10,381	176	57,361
46	Lowell.....	-----	15	56	337	4,766	4,373	7,879	178	45,025
47	New Bedford.....	21	33	46	431	5,770	5,759	10,245	180	62,552
48	Somerville.....	5	12	156	385	7,112	6,776	11,964	180	47,847
49	Springfield.....	16	31	134	597	9,364	8,866	17,261	181	143,075
50	Worcester.....	11	61	261	782	13,101	12,653	23,299	180	122,763
51	MICHIGAN.....	82	466	2,509	6,991	171,783	157,496	271,018	-----	1,750,270
52	Detroit.....	¹¹ 64	389	¹² 2,163	¹² 5,712	¹³ 145,871	¹³ 132,807	227,597	186	1,394,212
53	Flint.....	6	38	175	710	14,325	13,822	24,114	180	175,194
54	Grand Rapids.....	¹³ 12	¹³ 39	171	569	11,587	10,867	19,307	183	¹³ 180,864
55	MINNESOTA.....	61	171	716	3,193	61,176	58,130	104,043	-----	831,934
56	Duluth.....	12	23	115	461	8,470	7,787	14,481	174	92,235
57	Minneapolis.....	24	87	398	1,793	34,150	32,642	57,952	180	451,402
58	St. Paul.....	25	61	⁹ 203	⁹ 939	18,556	17,701	31,610	179	288,297
59	MISSOURI.....	24	207	865	3,807	77,973	76,818	120,178	-----	1,203,041
60	Kansas City ¹⁷	16	95	344	1,553	29,397	28,242	49,815	163	367,797
61	St. Louis.....	8	112	521	2,254	⁹ 48,576	⁹ 48,576	70,363	190	835,244
62	NEBRASKA.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
63	Omaha.....	14	53	156	899	16,877	15,997	28,992	182	203,035
64	NEW JERSEY.....	127	189	1,349	4,595	77,566	73,720	128,240	-----	1,584,052
65	Camden.....	3	26	107	498	8,342	7,791	14,127	182	118,990
66	Elizabeth.....	12	24	158	477	6,530	6,264	11,248	185	128,791
67	Jersey City.....	24	45	250	953	16,052	14,669	25,674	181	469,746
68	Newark.....	73	43	494	1,633	29,610	29,087	49,141	184	606,127
69	Paterson.....	10	24	158	628	9,800	8,871	15,924	181	143,293
70	Trenton.....	5	27	182	406	7,232	7,038	12,126	185	117,105
71	NEW YORK.....	313	1,534	9,038	30,082	561,771	532,474	920,157	-----	8,086,324
72	Albany.....	16	20	87	514	6,910	6,305	11,092	182	65,352
73	Buffalo.....	27	104	617	2,295	36,935	33,172	61,710	168	554,752
74	New York.....	76	1,267	7,704	24,242	468,593	447,919	764,925	190	6,947,358
75	Rochester.....	¹⁸ 144	50	⁹ 287	⁹ 1,016	18,135	16,463	30,266	182	269,749
76	Syracuse.....	19	47	138	947	14,424	13,110	23,622	184	95,921
77	Utica.....	22	16	81	484	6,793	6,205	11,395	180	46,925
78	Yonkers.....	9	30	124	584	9,981	9,300	17,147	179	106,267
79	NORTH CARO- LINA.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
80	Charlotte.....	-----	34	86	615	10,307	10,309	18,662	180	56,123
81	OHIO.....	129	623	2,513	9,550	185,206	179,423	322,131	-----	1,971,782
82	Akron.....	12	58	250	1,121	19,281	18,912	32,819	181	176,536
83	Canton.....	5	27	152	470	8,857	8,793	16,042	180	92,912
84	Cincinnati.....	25	99	453	1,591	31,638	30,131	52,829	189	458,682
85	Cleveland.....	40	⁸ 214	692	2,539	54,962	52,766	94,286	184	616,810
86	Columbus.....	11	⁸ 75	333	1,102	23,643	23,451	41,349	183	161,827
87	Dayton.....	5	⁸ 64	227	961	17,102	16,772	30,444	177	189,610
88	Toledo.....	21	52	228	1,046	18,451	17,325	33,872	184	201,102
89	Youngstown.....	10	34	⁹ 178	⁹ 710	11,272	11,273	20,490	181	74,303
90	OKLAHOMA.....	37	120	389	2,085	41,586	40,021	68,641	-----	310,886
91	Oklahoma City.....	21	76	199	1,262	22,792	22,010	37,256	177	163,544
92	Tulsa.....	16	44	190	823	18,794	18,011	32,385	176	147,342

See footnotes at end of Group I of this table.

for public-school systems, by State and by city: 1949-50—Continued

POPULATION OR MORE—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Main- tenance	
Supervisors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
325,050	1,571,220	28,656,754	521,013	1,461,956	32,535,993	4,719,785	3,183,961	45,025
28,560	664,933	14,571,673	357,534	822,903	16,445,603	2,093,265	2,188,498	¹⁰ 23,836
31,800	87,500	1,842,558	15,600	33,370	2,010,828	297,732	30,711	2,669
45,500	124,000	1,393,225	-----	64,828	1,627,553	232,612	201,704	2,193
-----	80,000	1,516,452	-----	61,816	1,658,268	315,410	12,213	2,066
69,342	126,221	1,346,334	12,236	41,258	1,595,391	293,271	75,303	¹⁰ 2,157
23,182	63,105	1,903,494	19,242	81,832	2,090,855	286,262	147,363	2,689
74,176	162,936	2,939,569	25,000	222,147	3,423,828	629,643	279,226	4,605
52,490	262,525	3,143,449	91,401	133,802	3,683,667	571,590	248,943	4,810
405,285	2,877,728	39,773,031	1,235,058	1,278,105	45,569,207	7,596,667	2,987,214	71,617
313,318	2,443,576	33,463,411	1,063,905	769,073	38,053,283	6,124,255	2,211,197	¹⁴ 60,827
25,367	228,933	3,251,684	88,120	160,932	3,755,036	763,787	309,915	5,583
¹⁵ 66,600	205,219	3,057,936	83,033	348,100	3,760,888	708,625	466,102	5,207
323,812	966,176	15,318,526	590,615	781,540	17,980,669	3,609,698	1,708,459	26,884
43,342	107,748	2,025,888	64,873	137,963	2,379,814	477,828	197,816	¹⁶ 3,626
180,020	495,175	8,855,616	412,383	411,589	10,354,783	2,187,709	1,019,819	16,126
100,450	363,253	4,437,022	113,359	231,988	5,246,072	944,161	490,824	¹⁰ 7,132
118,571	1,096,152	16,375,038	380,267	1,083,810	19,053,838	2,963,368	2,247,169	29,634
77,571	425,563	6,440,133	151,425	342,668	7,437,360	1,052,468	375,988	11,566
41,000	670,589	9,934,905	228,842	741,142	11,616,478	1,910,900	1,871,181	18,068
-----	-----	-----	-----	-----	-----	-----	-----	62
70,546	256,112	3,440,509	81,604	192,716	4,041,487	653,084	341,299	5,626
-----	-----	-----	-----	-----	-----	-----	-----	63
759,679	1,153,230	23,415,669	951,370	1,101,798	27,381,746	4,154,540	2,743,887	40,030
18,669	110,488	1,370,931	42,884	37,195	1,580,167	325,053	299,570	2,418
65,193	152,079	2,275,709	99,894	142,746	2,735,621	426,796	277,586	3,740
153,138	288,492	5,190,985	305,532	171,779	6,109,926	1,042,361	864,898	10,004
450,389	337,880	9,705,900	356,815	530,366	11,381,350	1,491,655	829,246	16,220
37,700	114,541	2,634,991	61,174	115,000	2,963,406	436,120	172,212	3,983
34,590	149,750	2,237,153	85,071	104,712	2,611,276	432,555	300,375	3,665
1,869,712	10,052,658	170,218,348	5,772,685	6,614,021	194,527,424	22,725,869	11,008,085	276,360
84,990	95,654	1,848,066	64,660	116,413	2,209,783	301,380	141,901	3,003
140,000	574,818	8,835,033	249,940	321,560	10,121,351	2,357,117	822,562	17,350
672,570	8,596,618	146,126,065	5,020,342	5,687,348	166,102,943	17,182,264	8,804,526	232,760
670,927	276,762	4,998,402	207,076	176,317	6,329,484	1,286,698	609,200	9,529
139,610	217,060	3,719,492	89,017	158,439	4,323,618	818,689	399,577	6,381
97,454	77,840	1,787,966	39,559	62,107	2,064,926	338,519	99,379	2,825
64,161	213,906	2,903,324	102,091	91,837	3,375,319	441,202	130,940	4,512
-----	-----	-----	-----	-----	-----	-----	-----	79
-----	172,968	2,335,718	35,817	67,809	2,612,312	186,889	141,470	3,172
-----	-----	-----	-----	-----	-----	-----	-----	80
705,230	3,239,411	45,854,367	1,343,060	2,148,440	53,290,508	8,991,529	4,516,543	76,678
44,772	278,795	5,104,446	152,053	231,415	5,811,481	829,802	750,157	8,213
26,903	140,853	2,190,106	27,745	142,795	2,528,402	440,740	309,487	3,528
140,920	587,803	8,371,030	265,710	318,979	9,684,442	1,457,372	686,381	13,839
250,033	1,155,819	13,162,713	560,528	517,247	15,646,340	3,076,017	1,345,520	22,972
42,110	344,413	4,911,718	54,428	264,548	5,617,217	967,202	255,454	7,739
28,680	280,197	4,463,008	66,496	244,779	5,083,160	774,527	554,093	7,889
115,765	288,081	4,688,838	143,961	270,109	5,506,754	967,379	415,821	7,933
56,047	163,450	2,962,508	72,139	158,568	3,412,712	478,490	199,630	4,565
145,126	488,027	7,790,975	266,837	311,136	9,002,101	1,109,138	748,288	11,637
¹⁰ 73,500	¹⁰ 266,000	4,337,305	111,132	150,569	4,938,506	589,500	292,270	6,226
71,626	222,027	3,453,670	155,705	160,567	4,063,595	519,638	456,018	5,411

Table 3.—Personnel, attendance, and current expenditure data

GROUP I.—CITIES OF 100,000

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	Super- visors (posi- tions)	Princi- pals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of ² school year (days taught)	Adminis- tration (general control)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
93 OREGON.....									
94 Portland.....	17	80	388	1,555	28,093	28,094	47,002	183	358,926
95 PENNSYLVANIA.....	178	436	2,846	8,998	180,047	174,569	298,135		2,859,529
96 Erie.....	14	24	117	479	8,036	8,039	14,126	180	138,607
97 Philadelphia.....	90	⁸ 273	1,948	5,744	121,844	117,527	193,918	187	²¹ 1,624,521
98 Pittsburgh.....	42	99	547	1,863	²⁰ 35,612	²⁰ 34,444	63,199	198	²² 861,227
99 Reading.....	16	11	140	401	6,913	6,916	12,704	189	112,603
100 Scranton.....	16	29	94	511	⁹ 7,642	⁹ 7,643	14,188	189	²³ 122,571
101 RHODE ISLAND.....									
102 Providence.....	13	50	213	868	14,725	13,823	24,184	180	249,393
103 TENNESSEE.....	39	177	479	3,141	59,352	59,086	102,819		303,790
104 Chattanooga.....	9	40	95	636	11,398	11,439	19,835	175	44,268
105 Knoxville.....	5	42	119	599	10,709	10,461	18,362	180	85,827
106 Memphis.....	7	51	145	1,180	24,804	24,997	42,819	177	100,149
107 Nashville.....	18	44	120	726	12,441	12,189	21,803	180	73,546
108 TEXAS.....	41	349	1,057	6,544	126,238	121,728	212,309		1,122,675
109 Dallas.....	12	74	284	1,572	31,589	30,145	50,957	177	²⁴ 383,508
110 Fort Worth.....	10	67	181	1,183	21,116	20,663	34,748	174	²⁵ 236,612
111 Houston.....	17	126	405	2,524	48,273	47,112	85,435	173	256,348
112 San Antonio.....	2	⁸ 82	187	1,265	25,260	23,808	41,169	176	246,207
113 UTAH.....									
114 Salt Lake City.....	8	43	203	797	16,881	16,170	29,447	178	144,805
115 VIRGINIA.....	29	96	262	1,961	30,652	29,486	51,037		189,795
116 Norfolk.....	14	47	104	887	13,842	13,280	22,515	180	94,025
117 Richmond.....	15	49	158	1,074	16,810	16,206	28,522	180	95,770
118 WASHINGTON.....	61	176	727	2,861	54,859	53,461	92,708		529,665
119 Seattle.....	²⁵ 38	86	393	1,601	32,363	31,491	52,749	187	315,357
120 Spokane.....	10	46	186	666	12,205	11,899	20,690	180	98,162
121 Tacoma.....	13	44	148	594	10,291	10,071	19,269	173	116,146
122 WISCONSIN.....									
123 Milwaukee.....	40	98	747	1,833	34,858	34,031	59,092	184	473,990

¹ Includes teachers and other personnel rendering services supplementary to classroom instruction in libraries, study halls, guidance, health, psychological work, etc., provided half or more than half of their employment time is given to such instructional work.

² The actual number of days in the school year that children were taught.

³ Includes instructional supplies; textbooks free to all pupils; school library books, and other expense, including salaries of full-time librarians. The expenditure for textbooks furnished gratis to indigent pupils, only, is classified as an auxiliary services item, and reported accordingly.

⁴ Includes amounts shown in columns 10, 11, 12, 13, 14, 15, 17, and 18, plus amounts not shown but reported by city school systems as expenditures for the following current accounts: Auxiliary school services; fixed charges, community services to public and nonpublic schools paid from school district funds; and adult and summer schools. This total figure covers all school current expenditures whether or not same are directly allocable as a charge against per pupil in a average daily attendance cost for the public-school system reporting.

⁵ Includes Long Beach City, Signal Hill City, Avalon City, Catalina Island, and unincorporated areas.

⁶ Includes in these two figures the enrollment of 16,993 students on the junior college level reported by Long Beach, Calif., under net registrations. Of this number, however, only 5,107 students are reported in average daily attendance. Thus, the average daily attendance of the junior college students is but 30 pupils of each 100 enrolled as compared to the average daily attendance reported for the 3 lower levels, or from kindergarten through high school, of 80 pupils for each 100 enrolled.

⁷ Includes in these two figures a total of 39,280 students reported on the junior college level, of which number 18,499 were reported in average daily attendance, or only 47 students of each 100 reported enrolled. The average daily attendance reported for the pupils enrolled in the educational levels from kindergarten through high school was around 89 pupils in each 100 enrolled in the Los Angeles, Calif., city school system.

⁸ Includes vice-principals, and/or assistant principals.

for public-school systems, by State and by city: 1949-50—Continued

POPULATION OR MORE—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools only					School plant			Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Main- tenance	
Supervisors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
98,380	468,712	6,844,626	262,404	354,080	8,028,202	1,052,644	742,192	11,423
968,683	2,351,785	41,531,138	1,604,809	2,532,383	48,988,798	8,399,276	4,091,015	70,530
90,848	114,999	1,939,607	76,294	143,518	2,365,266	451,434	196,137	3,558
552,060	1,512,386	27,080,699	1,130,480	1,339,058	31,614,683	4,820,793	2,215,602	44,438
205,367	550,722	8,594,617	316,971	793,620	10,461,297	2,181,900	1,229,367	15,918
57,261	59,110	1,878,172	55,336	146,060	2,195,939	493,905	168,355	3,192
63,147	114,568	2,038,043	25,728	110,127	2,351,613	451,244	218,554	3,427
74,705	266,139	4,103,039	133,037	151,394	4,728,314	884,844	235,209	6,223
193,674	892,651	10,526,394	148,670	627,140	12,388,529	1,181,542	847,765	16,062
41,906	193,738	2,017,682	49,195	73,822	2,376,343	184,913	93,037	2,869
27,900	277,200	2,188,877		87,546	2,581,523	301,899	223,191	3,821
41,160	222,986	3,608,115	36,004	227,057	4,135,322	376,533	365,246	5,344
82,708	198,727	2,711,720	63,471	238,715	3,295,341	318,197	166,291	4,028
249,152	1,802,559	27,952,998	813,466	873,800	31,691,975	2,811,286	1,836,435	39,619
63,383	405,137	7,076,962	171,905	164,606	7,881,993	676,897	499,128	10,588
59,300	361,500	4,925,495	121,986	293,632	5,761,913	487,444	358,363	7,561
114,469	660,279	10,680,029	377,691	325,413	12,157,881	1,081,402	651,148	14,365
12,000	375,643	5,270,512	144,884	90,149	5,890,188	565,543	327,796	7,105
45,090	202,137	3,066,831	75,131	379,910	3,769,099	438,053	280,070	4,888
166,477	482,952	6,717,740	174,928	407,948	7,950,045	915,714	627,906	10,283
84,617	216,077	2,791,493	67,805	130,569	3,290,561	420,824	378,091	4,458
81,860	266,875	3,926,247	107,123	277,379	4,659,484	494,890	249,815	5,825
239,325	948,745	13,301,825	498,249	687,728	15,675,872	2,460,029	1,356,454	22,685
131,311	497,765	7,424,781	312,090	376,082	8,742,029	1,474,468	845,386	13,219
47,166	224,136	3,142,936	84,472	182,682	3,681,392	535,312	218,191	4,912
60,848	226,844	2,734,108	101,687	128,964	3,252,451	450,249	292,877	4,554
218,502	563,252	10,068,434	463,087	543,904	11,857,179	1,652,576	1,425,386	17,217

⁹ Distribution by sex not reported. Total has been divided on basis of previous biennial reports to this Office.

¹⁰ All data reported on basis of calendar year ending December 31, 1949.

¹¹ Includes 17 deans and assistant deans serving Wayne University.

¹² Includes 572 positions composing teaching staff of Wayne University. Of this number 438 were filled by men, and 134 by women faculty members.

¹³ Enrollment figures include 30,859 students reported for Wayne University. Of this number, 14,817 are reported in average daily attendance, e. g., of each 100 students enrolled there is an average of 48 students in attendance daily. The percent of enrollment in average daily attendance for the lower levels from kindergarten through high school is 85.6, or around 86 pupils of each 100 enrolled.

¹⁴ Includes \$7,913,089 expenditures on account of Wayne University, part of the Detroit, Mich., city public-school system.

¹⁵ Number of positions and salary amounts estimated on basis of previous reporting, and amounts given as salary expenditure for current year.

¹⁶ For fiscal year ending July 31, 1950.

¹⁷ Includes data on all items for Kansas City, Mo., Public Junior College.

¹⁸ Includes a large number of "staff teachers."

¹⁹ Estimated on basis of 1947-48 data.

²⁰ Includes 146 boys and 138 girls classified as "Special Parochial Part-Time."

²¹ Includes \$597,078 charged against Administration for tax collection of school revenue.

²² Includes \$279,915 charged against administration for tax collection of school revenue.

²³ Includes \$50,508 charged against administration for tax collection of school revenue.

²⁴ Includes \$152,923 charged against administration for collection of school taxes.

²⁵ Includes tax collection charge. Amount not specified.

Table 3.—Personnel, attendance, and current expenditure data

GROUP II.—CITIES OF 30,000

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year ² (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
1	Continental United States.....	1, 479	3, 500	16, 945	61, 920	1,075,417	1,036,878	1,859,880	-----	\$13, 241, 560
2	ALABAMA.....									
3	Gadsden.....	3	12	24	243	4, 938	4, 850	8, 819	176	17, 844
4	ARIZONA.....	17	69	245	1, 080	21, 778	20, 752	34, 821	-----	290, 705
5	Phoenix:	9	21	72	382	6, 961	6, 706	10, 725	170	96, 753
6	Elementary District.	3	20	198	205	5, 489	4, 718	8, 357	173	137, 764
7	High School Dis- trict. ^{5 6}	5	28	155	493	7 9, 328	7 9, 328	15, 739	174	65, 188
8	Tucson.....	11	30	81	679	12, 528	12, 051	20, 538	-----	100, 598
9	ARKANSAS.....	3	10	35	225	4, 611	4, 261	7, 110	174	31, 314
10	Fort Smith.....	8	20	46	454	7, 917	7, 790	13, 428	176	69, 284
11	CALIFORNIA.....	92	403	2, 108	5, 759	117, 472	109, 929	202, 475	-----	2, 012, 848
12	Alameda.....	6	21	70	242	7 4, 688	7 4, 690	9, 103	175	78, 920
13	Alhambra.....	9	12	106	295	7 4, 982	7 4, 983	9, 811	175	146, 292
14	Berkeley.....	10	20	182	328	6, 081	5, 729	11, 566	175	143, 573
15	Burbank.....	11	26	96	366	6, 675	6, 553	13, 002	177	100, 467
16	Fresno.....	5	32	195	572	12, 731	12, 881	20, 770	175	133, 562
17	Glendale.....	6	39	183	471	9, 053	8, 059	16, 342	177	186, 223
18	Inglewood:									
19	Elementary District.	-----	14	26	168	2, 616	2, 535	4, 121	174	70, 576
20	High School District.	-----	3	90	83	2, 439	2, 450	4, 336	175	57, 658
21	Montebello.....	31	119	338	6, 596	6, 241	12, 203	177	177	123, 301
22	Pasadena ^{8 9}	17	50	212	604	16, 455	14, 042	24, 313	175	294, 711
23	Riverside.....	20	120	247	5, 620	5, 054	8, 179	171	171	64, 126
24	San Bernardino.....	11	34	140	484	8, 103	8, 078	15, 473	171	138, 262
25	San Jose.....	8	22	152	380	8, 243	7, 582	14, 737	178	132, 282
26	Santa Ana.....	3	22	104	255	4, 686	4, 389	7, 935	175	67, 107
27	Santa Barbara.....	4	15	96	214	3, 308	3, 138	6, 115	176	62, 854
28	Santa Monica ^{8 9}	2	12	107	253	5, 299	4, 391	7, 668	176	95, 418
29	Stockton ^{8 9}	-----	30	110	459	9, 897	9, 134	16, 801	175	117, 516
30	COLORADO.....	12	38	133	574	11, 184	10, 831	19, 574	-----	116, 905
31	Colorado Springs.....	8	18	73	219	4, 262	4, 097	7, 973	180	42, 277
32	Pueblo.....	4	20	60	355	6, 922	6, 734	11, 601	180	74, 628
33	CONNECTICUT.....	51	113	465	2, 330	35, 520	33, 825	62, 097	-----	347, 488
34	Bristol.....	2	10	38	186	2, 515	2, 587	4, 695	180	29, 021
35	Meriden.....	5	9	38	148	7 2, 303	7 2, 305	4, 131	180	22, 482
36	New Britain.....	11	16	69	348	4, 972	4, 769	9, 044	180	41, 448
37	New London.....	3	5	9	112	1, 619	1, 647	2, 731	182	17, 113
38	Norwalk.....	5	6	40	237	3, 662	3, 527	6, 604	180	22, 938
39	Norwich.....	5	4	3	136	1, 877	1, 676	3, 057	180	15, 582
40	Stamford.....	7	15	99	342	5, 521	5, 391	9, 566	181	80, 261
41	Waterbury.....	7	24	99	446	7, 176	6, 132	11, 894	182	62, 607
42	West Hartford.....	2	13	52	181	3, 166	3, 229	5, 551	180	37, 326
43	West Haven.....	4	11	18	194	2, 709	2, 535	4, 824	182	18, 710
44	ILLINOIS.....	117	283	1, 300	4, 674	78, 220	74, 918	135, 301	-----	1, 286, 444
45	Alton.....	5	16	45	210	3, 715	3, 687	6, 576	186	37, 864
46	Aurora:									
47	East Side District...	1	8	35	125	2, 466	2, 269	4, 070	190	20, 606
48	West Side District...	-----	6	21	89	1, 518	1, 459	2, 559	190	23, 212
49	Berwyn:									
50	Elementary Dist- rict No. 98.	-----	4	6	61	852	763	1, 456	185	22, 397
51	Elementary Dist- rict No. 100.	3	7	4	76	7 1, 195	7 1, 193	2, 010	188	11, 658

See footnotes at end of Group II of this table.

for public-school systems, by State and by city: 1949-50—Continued

TO 99,999 POPULATION

CURRENT EXPENDITURES FOR—Continued

Instruction in full-time day schools, only						School plant			Total ⁴ (in thou- sands)	
Salaries and wages				Other ³	Total	Operation	Mainte- nance			
Super- visors	Principals	Teachers	Clerks							
11	12	13	14	15	16	17	18	19		
\$6,973,948	\$17,425,152	\$271,670,223	\$6,931,338	\$16,978,964	\$319,979,625	\$47,297,325	\$24,024,873	\$438,758	1	
9,279	43,943	599,178	-----	15,266	667,666	93,146	36,645	914	2	
95,785	385,091	6,087,075	189,234	635,052	7,392,237	1,023,834	419,818	9,443	3	
50,880	109,860	1,856,399	25,671	102,299	2,145,109	223,958	131,150	2,640	4	
18,600	118,811	1,814,981	120,589	383,959	2,456,940	535,593	131,881	3,364	5	
26,305	156,420	2,415,695	42,974	148,794	2,790,188	264,283	156,787	3,439	7	
44,525	146,394	1,989,378	69,945	81,380	2,331,622	250,395	96,461	2,970	8	
12,050	38,300	634,155	27,049	43,870	755,424	74,785	43,512	1,032	9	
32,475	108,094	1,355,223	42,896	37,510	1,576,198	175,610	52,949	1,938	10	
497,261	2,358,286	31,509,616	1,625,144	2,685,204	38,675,511	4,988,893	2,475,920	54,116	11	
35,440	120,586	1,141,849	43,623	138,516	1,480,014	233,696	155,739	2,125	12	
30,800	93,100	1,581,680	74,641	106,237	1,886,458	230,047	96,358	2,068	13	
37,285	117,599	1,762,783	112,226	159,178	2,189,071	420,602	188,331	3,494	14	
56,085	191,893	1,752,962	99,358	155,534	2,255,832	296,649	176,042	3,153	15	
53,210	174,507	2,792,834	110,576	216,126	3,347,253	467,256	308,484	4,469	16	
35,712	217,245	2,718,033	125,306	209,597	3,305,893	435,604	182,389	4,452	17	
-----	82,111	695,021	33,542	42,339	853,013	94,121	33,218	1,140	18	
-----	17,400	738,324	76,232	91,360	923,316	164,989	75,419	1,418	19	
-----	161,840	1,639,135	76,164	132,070	2,009,209	256,143	106,097	2,739	20	
96,140	242,513	4,055,442	398,461	257,928	5,050,484	598,986	271,630	7,262	21	
-----	105,000	1,551,583	-----	180,841	1,837,424	203,948	76,163	2,580	22	
51,331	190,243	2,056,329	134,633	128,607	2,561,143	302,192	147,712	3,560	23	
47,281	132,800	2,679,855	223,894	96,101	3,179,931	400,442	253,303	4,356	24	
17,963	147,445	1,166,238	74,259	92,313	1,498,218	232,926	84,079	2,205	25	
24,014	112,004	1,117,939	42,229	94,187	1,390,373	185,622	73,580	2,093	26	
12,000	72,000	1,788,028	-----	250,251	2,122,279	184,938	137,770	2,891	27	
-----	180,000	2,271,581	-----	334,019	2,785,600	280,732	109,606	3,511	28	
55,314	172,802	2,087,247	76,256	200,076	2,591,695	310,748	241,419	3,657	29	
40,000	89,779	896,844	38,204	111,773	1,176,600	128,463	149,274	1,960	30	
15,314	83,023	1,190,403	38,052	88,303	1,415,095	182,285	92,145	1,963	31	
238,475	575,304	9,978,143	198,824	607,313	11,598,059	1,563,765	676,893	15,740	32	
8,400	50,850	793,134	27,752	43,274	923,410	141,173	20,989	1,200	33	
23,838	49,579	665,663	13,681	50,504	803,265	117,474	44,067	1,028	34	
64,530	74,800	1,313,417	28,698	101,575	1,583,020	216,990	87,398	2,131	35	
12,894	24,096	376,612	11,611	16,703	441,916	51,554	15,605	935	36	
27,918	30,015	1,062,715	15,646	69,714	1,206,008	159,808	54,516	1,572	37	
14,317	16,315	415,922	-----	30,655	477,209	62,780	17,739	895	38	
30,210	94,499	1,919,133	39,478	106,674	2,189,994	298,358	185,897	2,882	39	
29,590	111,550	1,963,373	22,634	82,912	2,210,059	299,251	135,082	2,830	40	
8,148	60,850	825,671	28,732	80,485	1,003,886	138,166	85,883	1,331	41	
18,630	62,750	642,503	10,592	24,817	759,292	78,211	29,717	936	42	
551,917	1,413,978	21,346,181	419,470	1,451,861	25,183,407	4,312,729	2,221,879	35,331	43	
20,700	63,658	740,010	15,924	158,459	998,751	146,544	180,317	1,562	44	
5,000	39,931	563,000	10,904	37,130	655,965	122,019	40,479	873	45	
-----	30,000	396,789	5,000	15,470	447,259	63,841	21,689	589	46	
-----	10,20,000	210,583	-----	10,833	241,416	24,242	10,146	300	47	
10,15,000	10,35,000	254,301	-----	13,012	317,313	56,151	18,451	414	48	

Table 3.—Personnel, attendance, and current expenditure data

GROUP II.—CITIES OF 30,000

City		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								CURRENT EXPENDITURES FOR:	
		Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Aver- age daily attend- ance	Length of school year (days taught)		Adminis- tration (general control)
				Men	Women	Boys	Girls				
	1	2	3	4	5	6	7	8	9	10	
49	ILLINOIS—Con. Bloomington.....	7	13	41	153	7 2,090	7 2,089	3,708	185	34,398	
50	Cicero: Elementary District.	6	12	9	191	2,814	2,608	4,948	185	38,742	
51	High-School Dis- trict.	12	3	113	98	2,754	2,167	4,292	180	59,735	
52	Danville.....	6	15	45	211	3,390	3,243	5,767	191	41,614	
53	Decatur.....	7	20	89	317	5,854	5,644	10,097	185	49,252	
54	East St. Louis.....	12	19	81	364	7,087	6,813	12,031	183	97,623	
55	Elgin.....	2	16	52	203	3,103	2,982	5,556	185	26,934	
	Evanston:										
56	Elementary Dis- trict No. 75.	9	11	17	210	7 2,130	7 2,130	3,557	190	29,791	
57	Elementary Dis- trict No. 76.	1	4	7	78	1,024	1,041	1,741	187	25,862	
58	High-School Dis- trict No. 202.	-----	2	81	65	1,391	1,182	2,423	186	37,486	
59	Joliet: Elementary Dis- trict No. 86.	3	13	12	203	7 2,920	7 2,919	5,084	185	34,194	
60	High-School Dis- trict.	1	6	86	68	1,527	1,393	2,731	176	26,691	
	Maywood-Melrose Park:										
61	Elementary Dis- trict.	4	8	10	110	1,810	1,650	2,900	189	25,690	
62	High-School Dis- trict.	-----	1	73	68	1,778	1,662	3,135	185	60,964	
63	Moline.....	5	14	55	214	3,475	3,276	5,795	187	39,183	
64	Oak Park: Elementary Dis- trict.	6	11	15	216	2,292	2,224	4,085	181	¹⁰ 75,495	
65	High-School Dis- trict.	8	2	60	61	7 1,327	7 1,329	2,481	183	65,232	
66	Quincy.....	4	14	47	170	2,448	2,466	4,498	179	27,355	
67	Rockford.....	5	13	116	379	7 6,382	7 6,381	11,878	174	103,964	
68	Rock Island.....	1	13	47	194	3,654	3,524	6,276	185	36,094	
69	Springfield.....	9	21	63	363	5,999	5,812	10,076	196	133,774	
	Waukegan:										
70	Elementary Dis- trict.	-----	10	15	128	2,086	1,929	3,479	185	42,501	
71	High-School Dis- trict.	-----	1	55	49	1,139	1,083	2,092	185	58,133	
72	INDIANA.....	55	131	845	2,175	45,508	43,346	75,467	-----	438,439	
73	Anderson.....	6	8	85	184	4,257	4,080	6,912	188	41,887	
74	East Chicago.....	11	10	81	206	3,705	3,657	6,443	182	53,455	
75	Elkhart.....	3	13	68	153	3,212	3,187	5,710	181	39,399	
76	Evansville.....	10	30	200	416	9,213	8,644	14,509	179	79,274	
77	Hammond.....	3	18	129	395	7,315	6,894	12,396	180	63,730	
78	Kokomo.....	6	9	59	187	3,424	3,269	5,884	174	30,946	
79	Muncie.....	6	18	102	224	5,664	5,348	8,915	180	40,381	
80	Richmond.....	5	7	60	161	3,601	3,467	6,055	190	36,942	
81	Terre Haute.....	5	18	61	249	5,117	4,800	8,643	181	52,423	
82	Iowa.....	53	109	408	1,947	30,595	29,939	53,458	-----	312,874	
83	Cedar Rapids.....	9	19	76	365	5,063	4,798	8,377	180	61,139	
84	Council Bluffs.....	1	13	46	226	4,152	4,144	7,231	182	37,140	
85	Davenport.....	11	13	76	281	4,587	4,642	8,790	181	59,263	
86	Dubuque.....	5	12	38	137	1,974	1,893	3,406	182	35,762	
87	Ottumwa.....	7	16	36	202	3,471	3,408	5,963	180	35,204	
88	Sioux City.....	10	20	76	457	6,453	6,345	11,314	181	54,764	
89	Waterloo.....	10	16	60	279	4,895	4,709	8,377	180	29,602	

See footnotes at end of Group II of this table.

for public-school systems, by State and by city: 1949-50—Continued

TO 99,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only					School plant			Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Mainte- nance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
32,083	55,400	611,624	14,786	44,512	758,405	115,196	34,634	1,021
19,850	49,450	540,718	-----	42,504	652,522	135,538	81,442	964
¹⁰ 60,000	¹⁰ 15,000	842,888	46,306	71,196	1,035,390	125,939	45,521	1,464
28,850	71,368	902,004	19,694	35,284	1,057,200	183,303	63,637	1,428
30,537	109,463	1,545,420	21,880	96,861	1,804,161	239,520	175,941	2,411
44,417	88,768	1,476,803	2,200	105,703	1,717,891	375,276	267,007	2,547
¹⁰ 10,000	¹⁰ 90,000	857,028	21,702	72,015	1,050,745	137,074	78,728	1,344
45,323	54,542	709,165	-----	36,065	845,095	123,138	116,493	1,222
4,075	14,787	307,286	-----	30,763	356,911	65,122	25,191	506
-----	¹⁰ 14,000	584,446	23,500	43,980	665,926	130,319	62,683	1,041
19,313	63,398	796,208	-----	25,865	904,784	159,394	35,689	1,205
6,750	31,404	720,896	50,569	77,161	886,780	196,829	51,743	1,261
20,396	40,796	400,010	15,771	32,139	509,112	92,570	2,763	654
-----	6,733	599,533	20,263	47,150	673,679	139,449	117,339	1,061
21,418	60,617	837,388	19,864	34,159	973,446	172,565	52,892	1,354
¹⁰ 33,000	71,500	839,326	12,000	23,726	979,552	164,465	52,859	1,310
47,490	12,000	588,468	-----	36,542	684,500	192,910	121,875	1,096
12,699	53,583	724,715	20,286	49,980	861,263	103,522	99,449	1,148
25,433	89,644	1,766,481	63,695	74,671	2,019,924	481,711	157,139	2,959
5,683	52,836	865,473	18,374	36,603	978,969	137,400	92,256	1,319
43,900	123,850	1,679,620	16,752	116,987	1,981,109	253,658	109,859	2,655
-----	49,450	533,823	-----	26,718	609,991	86,637	45,681	807
-----	6,800	452,175	-----	56,373	515,348	88,397	59,976	816
249,096	725,074	12,277,827	262,805	375,474	13,890,276	2,007,367	969,199	18,557
22,728	30,307	1,121,269	20,917	41,611	1,236,832	150,839	53,309	1,539
48,246	67,660	1,305,856	44,803	47,383	1,513,948	304,405	119,111	2,094
9,513	62,453	881,616	22,916	40,788	1,017,286	125,614	55,030	1,273
64,585	197,218	2,508,385	68,533	80,904	2,919,625	321,616	244,322	3,836
18,923	108,367	2,131,280	46,525	70,274	2,375,369	415,571	166,261	3,164
20,693	40,423	821,091	9,785	9,355	901,347	131,025	56,682	1,178
25,343	100,105	1,253,610	23,784	49,151	1,451,993	186,890	83,480	2,024
22,065	30,898	867,696	4,900	15,200	940,759	138,437	57,112	1,253
17,000	87,643	1,387,024	20,642	20,808	1,533,117	232,970	133,892	2,196
220,403	489,899	7,478,541	133,620	329,726	8,650,189	1,319,759	529,142	11,298
37,506	97,740	1,408,724	25,524	66,323	1,635,817	264,938	103,073	2,151
3,483	56,978	772,372	15,917	33,393	882,143	120,470	65,624	1,157
49,190	57,362	1,216,416	41,376	56,685	1,421,029	260,384	120,172	1,935
18,070	38,026	558,721	8,701	21,935	645,453	125,220	42,877	909
24,535	62,062	695,530	11,497	52,257	845,881	142,245	36,271	1,082
37,619	97,731	1,810,602	30,605	77,588	2,054,145	233,786	93,639	2,564
¹⁰ 50,000	¹⁰ 80,000	¹⁰ 1,016,176	-----	19,545	1,165,721	172,716	67,486	1,500

Table 3.—Personnel, attendance, and current expenditure data

GROUP II.—CITIES OF 30,000

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Aver- age daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
90	KANSAS.....	13	43	134	428	9,181	8,962	15,904	-----	68,983
91	Hutchinson.....	3	14	62	171	3,682	3,329	6,098	179	23,650
92	Topeka.....	10	29	72	257	5,499	5,633	9,806	172	45,333
93	KENTUCKY.....	19	53	136	890	13,871	13,701	23,867	-----	137,682
94	Covington.....	8	15	52	224	3,610	3,505	6,041	192	29,370
95	Lexington.....	3	11	16	255	3,670	3,680	6,245	173	29,312
96	Newport.....	-----	12	14	117	1,556	1,541	2,952	192	31,319
97	Owensboro.....	4	10	27	141	2,455	2,394	4,127	175	26,665
98	Paducah.....	4	5	27	153	2,580	2,581	4,502	172	21,016
99	MAINE.....	19	12	101	446	7,573	7,318	13,334	-----	42,969
100	Lewiston.....	4	4	24	94	1,532	1,585	2,977	179	6,299
101	Portland.....	15	8	77	352	6,041	5,733	10,357	185	36,670
102	MASSACHUSETTS.....	177	264	1,355	4,630	75,153	71,252	131,488	-----	723,566
103	Arlington.....	8	11	66	176	3,314	2,975	5,600	179	26,282
104	Brockton.....	8	13	58	258	4,360	4,294	7,945	179	27,332
105	Brookline.....	8	9	63	235	3,281	3,216	5,792	181	50,658
106	Chelsea.....	12	6	65	145	2,658	2,566	4,719	181	1,923
107	Chicopee.....	3	9	18	159	2,493	2,394	4,293	181	27,850
108	Everett.....	10	9	71	227	3,181	3,164	5,861	180	34,038
109	Fitchburg.....	7	15	30	98	1,711	1,658	3,084	179	20,174
110	Haverhill.....	7	6	36	166	2,623	2,806	4,903	180	25,377
111	Holyoke.....	3	13	86	172	2,931	2,712	4,764	181	33,841
112	Lawrence.....	12	22	67	254	3,631	3,540	6,443	178	41,084
113	Lynn.....	11	16	110	364	5,867	5,393	10,313	180	74,082
114	Malden.....	9	13	71	246	3,868	3,726	6,890	180	30,363
115	Medford.....	10	17	105	285	5,034	4,699	8,909	179	25,704
116	Newton.....	12	21	144	376	6,564	5,830	10,826	179	86,776
117	Pittsfield.....	9 17	9 19	52	233	4,232	3,966	7,244	180	26,549
118	Quincy.....	5	18	88	381	6,256	5,875	10,961	178	66,679
119	Revere.....	10	16	56	185	2,948	2,685	5,042	180	23,161
120	Salem.....	6	7	55	146	2,212	1,929	3,688	176	25,620
121	Taunton.....	7	5	23	183	2,502	2,502	4,560	176	26,366
122	Waltham.....	7	10	41	169	2,921	2,769	5,101	177	22,494
123	Watertown.....	5	9	50	172	2,568	2,553	4,550	180	27,218
124	MICHIGAN.....	68	210	1,167	3,762	66,956	65,595	119,384	-----	904,873
125	Battle Creek.....	8	15	68	245	4,498	4,541	7,722	200	84,814
126	Bay City.....	5	18	85	205	4,526	3,998	7,017	200	59,151
127	Dearborn.....	12	19	183	462	8,934	8,937	16,356	200	156,079
128	Hamtramck.....	3	7	41	126	2,180	1,990	3,715	186	65,497
129	Highland Park.....	1	9	93	243	3,543	3,544	6,744	191	58,080
130	Jackson.....	6	18	75	258	4,762	4,357	8,175	200	70,107
131	Kalamazoo.....	8	11	78	304	5,164	4,967	8,692	180	57,900
132	Lansing.....	8	30	155	420	7,463	7,505	13,204	182	82,101
133	Muskegon.....	5	15	83	298	4,589	4,546	8,267	195	39,124
134	Pontiac.....	-----	25	89	399	6,568	6,714	12,620	200	52,186
135	Port Huron.....	5	12	53	208	3,352	3,341	6,222	184	60,374
136	Saginaw.....	7	21	112	435	8,626	8,404	15,618	180	72,197
137	Wyandotte.....	-----	10	52	159	2,751	2,751	5,032	190	47,263
138	MISSISSIPPI.....	2	40	121	588	11,316	10,833	19,043	-----	60,646
139	Jackson.....	1	20	57	312	6,999	6,515	11,452	180	35,283
140	Meridian.....	1	20	64	276	4,317	4,318	7,591	180	25,363
141	MISSOURI.....	21	59	245	995	19,185	18,481	33,846	-----	143,012
142	Joplin.....	4	22	58	187	3,971	3,548	6,388	180	26,442
143	St. Joseph.....	6	21	69	325	7,104	6,838	12,951	180	42,999
144	Springfield.....	7	8	80	320	5,661	5,677	9,972	178	36,543
145	University City.....	4	8	38	163	2,449	2,418	4,535	190	37,028

See footnotes at end of Group II of this table.

for public-school systems, by State and by city: 1949-50—Continued

TO 99,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued

Instruction in full-time day schools, only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Mainte- nance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
46,347	170,454	1,656,035	40,425	46,165	1,950,426	327,490	251,255	2,685
11,150	54,297	659,403	17,502	6,928	749,280	117,644	137,571	1,054
35,197	116,157	996,632	22,923	39,237	1,210,146	209,846	113,684	1,631
67,286	210,319	2,603,368	27,688	84,973	2,993,634	394,051	170,700	4,049
25,518	59,401	798,052	6,193	21,760	910,924	133,809	41,528	1,138
15,708	51,275	704,294	9,111	30,750	811,138	103,206	34,039	1,105
	50,188	335,174	3,950	9,393	398,705	59,829	27,777	543
13,060	31,538	380,071	4,884	10,877	440,430	43,736	28,267	630
13,000	17,917	385,777	3,550	12,193	432,437	53,471	39,089	633
58,193	50,990	1,379,776	24,682	93,363	1,607,004	259,232	114,295	2,126
10,493	15,640	310,940	9,449	34,916	381,438	46,635	15,631	503
47,700	35,350	1,068,836	15,233	58,447	1,225,566	212,597	98,664	1,623
801,670	1,298,814	20,128,066	339,455	1,202,095	23,770,100	3,763,418	1,770,878	31,389
33,849	48,880	841,521	13,002	61,587	998,839	143,399	82,835	1,275
32,035	57,131	996,106	10,841	57,187	1,153,300	198,223	67,360	1,519
45,507	55,720	1,237,038	31,753	103,144	1,473,162	205,663	123,413	1,944
10 50,000	10 25,000	10 696,463	19,500	24,900	815,863	97,025	88,359	1,023
16,725	53,329	560,477	9,718	40,947	631,196	116,881	53,610	933
78,735	76,125	915,031	12,370	38,972	1,121,233	160,987	70,330	1,414
23,524	10 60,000	408,222	8,797	43,668	544,211	128,164	57,581	836
25,086	29,244	632,828	10 16,000	47,800	750,958	133,217	44,145	988
11,078	56,621	789,876	14,916	46,594	919,085	157,101	85,841	1,296
54,000	110,000	1,071,850		33,437	1,269,287	206,383	76,005	1,643
50,260	72,061	1,705,892	31,699	85,523	1,945,435	382,040	176,155	2,744
33,201	67,780	1,012,321	4,808	51,005	1,169,115	188,153	44,292	1,466
67,938	86,159	1,353,589	42,455	66,935	1,617,076	244,236	66,756	2,040
55,838	127,744	1,850,071	68,234	112,234	2,244,121	358,216	224,949	3,034
10 68,000	10 95,000	929,890		81,235	1,174,125	188,779	74,283	1,524
21,780	72,443	1,612,352	22,355	122,541	1,851,471	235,674	132,509	2,388
10 40,000	10 64,000	10 735,751	10 10,000	38,099	887,850	157,909	72,540	1,185
23,083	33,500	673,991	8,996	34,278	773,848	127,119	76,716	1,062
24,200	23,450	620,185	4,491	18,693	691,019	115,950	30,782	910
26,331	39,627	721,622	9,520	41,393	838,493	127,436	83,737	1,133
20,500	45,000	732,990		51,923	850,413	90,863	38,680	1,032
398,547	1,205,113	18,880,686	544,678	1,606,310	22,635,334	4,296,665	1,884,837	31,975
43,188	71,319	1,055,171	43,963	97,564	1,311,205	310,701	131,508	2,005
23,042	94,830	1,234,357	23,151	72,325	1,447,705	192,457	93,213	1,863
86,115	160,421	3,149,407	119,094	413,927	3,928,604	704,832	405,576	5,351
15,888	37,810	691,755	42,649	38,401	826,503	231,524	98,067	1,315
6,100	61,265	1,380,705	44,169	175,542	1,667,781	321,950	133,624	2,328
36,003	82,667	1,176,810	44,826	83,581	1,423,887	308,470	81,732	1,985
45,873	65,000	1,464,869	55,921	101,032	1,732,695	331,690	84,493	2,573
36,583	153,772	1,942,416	27,787	238,307	2,398,865	467,210	145,188	3,380
27,120	74,596	1,215,760	29,535	76,522	1,423,533	268,880	140,826	2,094
	156,074	1,764,836	49,893	90,282	2,061,085	379,221	180,125	2,904
28,535	63,986	864,103	24,607	16,286	997,517	152,099	78,040	1,445
50,100	124,180	2,056,204	39,083	114,602	2,384,169	374,111	261,013	3,249
	59,193	884,653		87,939	1,031,785	253,520	51,432	1,483
6,653	138,312	1,674,554	1,805	179,215	2,000,539	187,217	206,269	2,566
3,653	78,312	1,010,434	1,805	5,225	1,099,429	87,486	132,001	1,423
10 3,000	10 60,000	10 664,120		173,990	901,110	99,731	74,268	1,143
84,613	213,264	3,701,363	55,935	327,813	4,382,988	598,360	287,235	5,788
13,303	70,318	643,591	7,253	62,312	796,777	98,173	89,912	1,068
22,795	73,758	1,104,334	12,953	92,579	1,306,419	196,814	105,352	1,752
29,317	26,088	1,204,193	23,849	85,390	1,368,837	159,799	61,570	1,797
19,198	43,100	749,245	11,880	87,532	910,955	143,574	30,401	1,171

Table 3.—Personnel, attendance, and current expenditure data

GROUP II.—CITIES OF 30,000

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	City	Super- visors (posi- tions)	Prin- cips als (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Aver- age daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
146	MONTANA.....									
147	Butte.....		22	25	189	2,790	2,732	4,956	180	36,549
148	NEBRASKA.....									
149	Lincoln.....	10	27	71	440	6,860	6,679	11,892	174	78,044
150	NEW HAMPSHIRE.....	7	22	96	330	5,282	4,916	9,244		52,625
151	Manchester.....	6	15	62	204	3,403	3,302	5,998	180	32,543
152	Nashua.....	1	7	34	126	1,879	1,614	3,246	182	20,082
153	NEW JERSEY.....	126	186	1,042	4,011	57,751	55,470	97,254		1,086,427
154	Atlantic City.....	10	15	96	248	4,182	3,885	6,785	183	51,143
155	Bayonne.....	16	12	124	384	4,514	4,128	7,504	180	86,819
156	Bloomfield.....	6	12	68	218	3,337	3,173	5,695	185	42,689
157	Clifton.....	9	14	46	265	4,479	4,117	7,465	183	62,075
158	East Orange.....	5	11	89	245	3,914	3,827	6,641	186	57,271
159	Hoboken.....	12	8	50	225	2,834	2,767	4,747	180	79,755
160	Irvington.....	3	10	66	234	3,866	3,655	6,541	187	62,592
161	Kearny.....	5	8	29	171	2,503	2,217	4,088	183	59,666
162	Montclair.....	8	14	68	205	3,107	3,007	5,279	183	84,109
163	New Brunswick.....	5	7	40	182	2,284	2,346	3,903	182	43,259
164	North Bergen.....	6	7	12	161	2,320	2,215	3,874	182	46,944
165	Orange.....	3	9	40	155	2,418	2,414	4,154	184	37,949
166	Passaic.....	11	11	52	291	3,554	3,590	6,137	184	119,871
167	Perth Amboy.....	8	11	48	187	2,601	2,568	4,362	178	46,742
168	Plainfield.....	2	7	44	204	2,977	3,090	5,230	184	40,624
169	South Orange-Maple- wood.....	6	15	60	193	2,902	2,827	5,132	185	54,885
170	Union City.....	9	8	65	242	3,424	3,297	5,575	182	60,478
171	West New York.....	2	7	45	201	2,535	2,347	4,142	182	69,556
172	NEW MEXICO.....									
173	Albuquerque.....	11	21	129	583	12,051	12,536	20,546	180	82,157
174	NEW YORK.....	159	205	967	3,910	60,150	56,495	101,451		793,722
175	Amsterdam.....	9	12	32	172	2,242	1,936	3,618	180	37,717
176	Auburn.....	6	9	44	153	2,510	2,296	4,177	180	29,331
177	Binghamton.....	20	19	93	440	6,693	6,391	11,432	181	56,127
178	Elmira.....	11	13	61	248	3,939	3,795	6,739	183	30,973
179	Jamestown.....	19	13	56	259	3,465	3,287	6,106	180	81,764
180	Mount Vernon.....	5	15	90	356	5,386	5,173	9,039	181	101,250
181	Newburgh.....	5	10	45	151	2,462	2,296	4,158	188	27,920
182	New Rochelle.....	10	16	81	265	3,846	3,766	6,545	176	76,180
183	Niagara Falls.....	16	¹¹ 27	135	487	7,806	7,396	13,396	182	82,261
184	Poughkeepsie.....	16	11	46	168	2,829	2,740	4,784	181	41,673
185	Rome.....	5	9	37	171	3,120	2,691	5,053	184	23,399
186	Schenectady.....	10	21	100	439	6,645	6,281	11,214	182	67,900
187	Troy.....	10	12	45	178	2,885	2,492	4,492	183	34,273
188	Watertown.....	10	9	34	193	2,988	2,710	4,992	180	37,542
189	White Plains.....	7	9	68	230	3,334	3,245	5,706	181	65,412
190	NORTH CAROLINA.....	25	101	293	1,780	31,399	30,920	56,478		191,816
191	Asheville.....	6	13	28	213	3,921	3,724	6,533	180	14,876
192	Durham.....	5	21	63	301	5,549	5,407	9,598	180	43,487
193	Greensboro.....	3	20	69	353	6,117	6,132	11,201	180	33,726
194	High Point.....	2	13	25	231	3,946	3,918	7,169	180	27,779
195	Raleigh.....	5	14	38	273	4,585	4,610	8,257	180	39,160
196	Winston-Salem.....	4	20	70	409	7,281	7,129	13,720	180	32,788

See footnotes at end of Group II of this table.

for public-school systems, by State and by city: 1949-50—Continued

TO 99,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ²	Total	Operation	Mainte- nance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
	87,394	731,257		44,216	862,867	136,605	94,810	1,213
43,921	118,272	1,444,418	54,985	126,871	1,788,467	326,866	204,119	2,552
28,000	97,594	1,320,855	15,719	85,927	1,548,095	252,753	94,648	2,146
24,500	59,815	817,463	6,933	57,533	966,244	134,757	74,087	1,342
3,500	37,779	503,392	8,786	28,394	581,851	117,996	20,561	804
606,315	1,089,994	18,932,723	633,778	997,791	22,260,601	3,515,447	1,688,652	30,467
56,925	73,940	1,248,785	48,868	91,527	1,520,045	222,907	177,659	2,107
73,140	81,551	1,773,736	52,237	93,477	2,074,141	442,218	157,766	3,022
33,800	79,350	1,157,972	49,054	79,242	1,399,418	188,040	106,398	1,839
47,013	78,626	1,127,854	18,938	65,084	1,337,565	222,938	51,052	1,828
21,250	75,535	1,379,434	51,150	82,276	1,615,645	204,777	142,710	2,095
54,658	41,950	960,682	30,907	35,980	1,124,177	202,945	34,837	1,529
16,100	61,754	1,168,792	40,328	31,928	1,318,902	217,055	106,980	1,813
24,400	42,225	759,317	9,574	40,606	876,122	155,851	77,618	1,228
43,471	75,419	1,252,849	57,948	68,992	1,498,679	238,609	109,963	2,061
23,500	34,700	779,908	25,222	47,373	910,703	94,186	56,703	1,157
23,850	37,350	537,004	28,675	25,286	652,165	152,950	45,801	1,122
14,900	52,100	646,590	19,674	30,576	763,840	123,794	53,647	1,040
55,398	66,571	1,273,126	42,484	48,332	1,485,911	196,590	83,102	2,063
26,930	51,700	836,622	19,548	56,338	991,133	136,327	71,341	1,294
10,400	45,300	974,559	40,522	72,264	1,143,045	170,802	96,769	1,516
25,948	97,287	1,106,183	28,675	40,538	1,298,631	178,687	88,610	1,730
40,282	57,596	1,056,335	39,534	50,673	1,244,420	188,710	89,318	1,671
8,350	37,040	892,975	30,390	37,299	1,006,054	178,161	38,378	1,354
49,789	199,520	2,306,212	36,938	140,819	2,733,278	239,154	17,725	3,381
816,121	991,705	17,806,107	478,841	1,094,620	21,187,394	3,322,906	1,877,506	30,935
32,763	44,300	673,518	12,516	24,396	787,493	187,395	111,114	1,299
40,326	51,324	614,860	12,461	32,378	751,349	114,702	42,573	1,048
98,781	104,001	1,777,628	54,410	71,350	2,106,170	300,439	197,800	2,977
51,804	56,200	1,084,716	11,896	30,673	1,235,289	137,001	40,249	1,622
79,629	56,183	989,380	27,283	95,346	1,247,821	215,940	128,237	1,880
32,555	94,335	1,961,312	55,915	124,500	2,268,617	304,889	265,560	3,304
20,250	17,810	682,532	16,237	46,802	813,631	121,327	61,186	1,211
54,348	77,360	1,502,226	58,325	121,557	1,813,816	307,447	192,240	2,629
115,749	119,065	2,464,825	47,054	125,667	2,872,360	446,796	301,813	4,230
75,959	48,363	682,613	27,529	72,425	906,889	162,303	60,603	1,381
24,533	47,254	737,412	16,785	38,868	864,862	96,431	38,693	1,169
51,809	105,875	1,919,812	67,728	116,942	2,262,166	425,733	180,730	3,375
30,966	45,305	705,390	2,580	29,727	813,065	131,748	44,309	1,213
63,355	42,937	707,723	14,516	58,581	887,112	112,467	107,321	1,294
43,294	51,383	1,302,160	53,606	105,408	1,555,851	258,288	105,078	2,303
99,690	474,309	6,276,647	87,514	141,329	7,079,489	654,769	728,939	9,550
22,411	56,708	716,800	11,560	15,500	822,979	90,379	47,822	1,101
16,048	91,140	1,142,900	12,903	30,746	1,293,737	110,284	203,205	1,759
13,670	97,123	1,295,191	33,465	12,377	1,451,826	147,629	161,135	1,959
8,100	62,404	774,983	4,073	14,443	864,003	64,065	88,033	1,074
22,756	65,390	877,190	6,700	41,335	1,013,371	82,548	112,517	1,581
16,705	101,544	1,469,583	18,813	26,928	1,633,573	159,964	116,227	2,076

Table 3.—Personnel, attendance, and current expenditure data

GROUP II.—CITIES OF 30,000 TO

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								CURRENT EXPENDITURES FOR:
		Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
197	NORTH DAKOTA									
198	Fargo ^a		14	54	140	2,220	2,245	3,847	180	14,382
199	OHIO									
200	Cleveland Heights	48	186	960	3,054	53,196	53,070	99,597		640,894
201	East Cleveland	4	14	75	272	4,881	4,787	8,547	180	112,140
202	Hamilton	4	16	40	155	2,498	2,467	4,624	181	83,067
203	Lakewood	4	10	73	197	3,912	3,840	7,321	181	41,494
204	Lima	5	12	72	205	3,202	3,244	6,231	180	62,009
205	Lorain	6	5	76	194	3,353	3,521	6,606	180	29,098
206	Mansfield	3	13	64	184	3,501	3,335	6,302	181	45,967
207	Marion	1	14	60	209	3,765	3,529	6,640	180	39,812
208	Middletown	4	13	35	167	2,889	2,793	5,388	175	23,735
209	Newark	5	7	46	162	2,998	3,039	5,484	180	20,729
210	Norwood		17	39	143	2,557	2,505	4,792	179	17,762
211	Portsmouth		7	52	97	1,591	1,674	3,290	180	38,140
212	Springfield	2	2	79	167	3,162	3,108	5,783	178	25,756
213	Steubenville	9	24	98	307	5,311	5,838	10,709	183	43,214
214	Warren		10	33	163	2,293	2,268	4,420	181	16,963
215	Zanesville	2	17	65	256	3,875	3,676	7,088	180	52,793
		3	5	53	176	3,408	3,466	6,372	186	28,215
216	OKLAHOMA									
217	Muskogee	4	18	58	219	4,275	4,212	6,980	177	83,192
218	OREGON									
219	Salem	8	13	59	222	4,240	4,240	7,129	176	47,230
220	PENNSYLVANIA									
221	Allentown	113	175	1,608	4,045	71,753	69,747	131,177		1,202,560
222	Altoona	11	17	178	339	7,359	6,904	13,312	182	112,804
223	Bethlehem	10	4	86	327	5,336	5,249	9,781	180	73,658
224	Chester	13	6	113	226	4,978	4,493	8,890	182	61,243
225	Easton	6	12	88	288	4,308	4,233	8,218	185	62,668
226	Harrisburg	5	15	61	126	2,633	2,588	4,855	175	51,799
227	Hazleton	4	8	140	305	5,582	5,438	10,105	188	122,396
228	Johnstown	6	6	71	141	2,430	2,431	4,466	188	48,150
229	Lancaster	8	12	68	297	4,614	4,616	8,913	180	84,802
230	Lower Merion (P. O. Ardmore)	10	5	81	222	3,846	3,869	7,442	186	40,792
			13	101	206	3,077	2,854	5,219	180	67,573
231	McKeesport	4	15	72	218	3,912	3,913	7,062	180	74,116
232	New Castle	3	11	59	243	3,900	3,901	6,997	180	57,450
233	Norristown		4	66	129	2,509	2,405	4,608	186	38,644
234	Upper Darby	7	12	93	229	4,213	4,186	7,600	187	83,163
235	Wilkes-Barre	13	10	108	299	4,747	4,730	8,501	183	77,971
236	Williamsport	2	16	104	192	3,721	3,541	6,556	190	76,382
237	York	11	9	119	258	4,588	4,396	8,652	180	68,949
238	RHODE ISLAND									
239	Cranston	22	44	196	969	15,278	14,837	25,878		103,105
240	East Providence	2	9	61	226	3,994	3,996	6,985	180	30,970
241	Newport ^a	3	6	45	177	2,577	2,477	4,636	180	28,227
242	Pawtucket	1	6	37	132	2,316	2,179	3,439	183	15,387
243	Woonsocket	15	21	29	288	4,338	4,319	7,324	180	5,853
		1	2	24	146	2,053	1,866	3,494	180	22,638
244	SOUTH CAROLINA									
245	Charleston	12	63	221	1,279	21,406	21,714	38,118		132,540
246	Columbia		14	74	304	5,683	5,775	10,173	180	46,608
247	Greenville ^a		20	84	489	8,120	8,283	14,577	180	32,400
248	Spartanburg	7	17	25	249	3,952	4,004	6,910	180	22,532
		5	12	38	237	3,651	3,652	6,458	181	31,000

See footnotes at end of Group II of this table.

for public-school systems, by State and by city: 1949-50—Continued

99,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only					School plant			Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Mainte- nance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
	¹ 56,000	552,861	9,894	17,750	636,505	117,188	33,556	826 197
254,218	901,635	13,167,205	253,406	791,022	15,367,386	2,644,000	1,776,647	22,226 199
21,636	111,865	1,397,893	52,622	60,085	1,644,101	298,789	272,352	2,566 200
	53,846	710,283	26,845	40,700	831,677	164,385	226,048	1,291 201
22,430	71,810	947,414	14,560	34,535	1,090,749	162,324	70,445	1,505 202
32,316	61,579	1,053,422	40,002	79,822	1,267,141	221,941	348,751	2,174 203
32,607	19,779	782,221	13,413	49,332	897,352	152,721	69,096	1,248 204
12,059	54,826	793,816	15,188	70,835	946,724	151,969	98,539	1,315 205
3,800	75,978	862,174	11,878	38,978	992,808	159,964	70,746	1,337 206
14,772	39,729	555,046	7,608	41,608	658,763	101,043	32,102	846 207
34,383	42,265	716,486	6,518	36,461	836,113	175,509	50,384	1,282 208
	76,500	490,070	10,800	26,307	603,677	104,976	15,394	752 209
	38,200	664,817	4,910	24,625	732,552	114,097	24,554	1,119 210
7,682	8,802	630,814	5,477	42,807	695,582	99,162	84,338	1,059 211
50,144	114,964	1,273,540	5,834	85,883	1,530,365	284,035	204,820	2,116 212
	40,158	607,057	5,876	34,720	687,811	133,310	40,044	902 213
10,963	74,812	1,042,499	22,186	64,349	1,214,809	194,559	109,804	1,694 214
11,426	16,422	639,653	9,686	59,975	737,162	125,216	59,230	1,020 215
								216
23,315	56,410	721,647	16,000	19,216	836,588	119,111	46,418	1,113 217
								218
26,318	82,687	999,272	24,303	72,951	1,205,531	146,551	66,261	1,644 219
500,931	791,479	18,723,603	304,834	1,306,353	21,627,200	3,737,849	1,428,851	31,153,220
42,617	71,250	1,811,469	30,697	108,962	2,064,995	296,197	102,529	2,766 221
43,059	19,100	1,266,550	16,666	64,410	1,409,785	256,086	94,971	2,050 222
57,615	31,309	1,123,862	14,895	93,628	1,321,309	236,868	135,306	1,891 223
25,991	49,319	1,175,791	11,820	72,007	1,334,928	187,585	80,897	1,849 224
¹⁰ 24,000	77,634	635,759	13,447	64,771	815,611	119,667	46,202	1,133 225
19,823	37,920	1,392,891	29,138	87,428	1,567,202	295,665	120,025	2,253 226
25,267	31,167	714,787	9,045	38,798	819,064	166,211	39,623	1,162 227
33,478	60,525	1,240,519	12,221	101,949	1,448,692	295,855	86,725	2,016 228
32,066	24,268	987,554	7,420	65,301	1,116,609	195,070	97,240	1,562 229
	77,132	1,104,855	28,086	109,860	1,319,933	222,347	79,233	1,880 230
13,891	67,000	932,903	9,523	96,440	1,119,757	182,350	79,658	1,556 231
10,765	42,945	928,214	23,994	76,569	1,082,487	194,741	77,714	1,490 232
	19,800	677,682	5,996	37,767	741,245	130,670	89,566	1,065 233
36,984	48,040	1,204,638	32,120	74,627	1,396,409	140,612	94,445	1,857 234
56,024	30,642	1,389,539	11,944	85,952	1,574,101	331,258	22,742	2,212 235
10,863	62,453	939,120	12,678	100,911	1,126,025	160,945	72,479	2,129 236
68,486	40,975	1,197,470	35,144	26,973	1,369,048	325,722	109,496	2,282 237
106,484	200,655	4,072,460	59,722	197,337	4,636,658	873,105	384,078	6,151 238
7,759	41,751	942,230	10,850	65,004	1,067,594	145,521	68,048	1,341 239
12,177	30,123	650,198	9,084	33,736	735,318	128,446	61,738	995 240
6,700	24,900	483,595	15,355	21,779	552,329	119,189	14,817	723 241
75,452	95,089	1,419,035	19,698	53,024	1,662,298	343,671	205,661	2,259 242
4,396	8,792	577,402	4,735	23,794	619,119	136,278	43,814	833 243
66,425	268,255	3,858,543	56,218	140,108	4,389,549	435,702	207,166	5,765 244
	73,055	1,047,431	20,566	65,121	1,206,173	92,159	49,834	1,449 245
	83,300	1,568,400	15,000	12,000	1,678,700	189,000	83,000	2,067 246
34,425	55,900	579,213	7,652	47,832	725,022	87,871	60,622	908 247
¹⁰ 32,000	¹⁰ 56,000	663,499	13,000	15,155	779,654	66,672	13,710	1,341 248

Table 3.—Personnel, attendance, and current expenditure data

GROUP II.—CITIES OF 30,000

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
		Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
249	SOUTH DAKOTA									
250	Sioux Falls	3	14	47	268	4, 157	4, 225	8, 000	178	34, 985
251	TEXAS	65	223	812	4, 419	76, 405	73, 255	126, 286		922, 325
252	Amarillo	5	19	63	372	6, 318	6, 211	10, 745	172	113, 043
253	Austin	11	31	86	538	9, 053	8, 451	14, 498	175	85, 145
	Beaumont:									
254	Independent School District.	9	23	72	331	6, 064	5, 696	9, 717	175	119, 915
255	South Park District	2	7	31	141	2, 278	2, 127	4, 006	173	51, 186
256	Corpus Christi	7	28	124	581	9, 483	9, 057	16, 013	176	50, 585
257	El Paso	13	30	102	643	11, 398	11, 042	20, 458	176	126, 795
258	Galveston ²	3	14	52	306	4, 662	4, 469	7, 486	175	46, 289
259	Laredo	4	10	43	218	4, 177	4, 027	6, 999	174	32, 600
260	Lubbock	1	21	71	307	5, 908	5, 814	9, 929	176	88, 653
261	Port Arthur	3	9	69	312	5, 955	5, 606	9, 870	168	86, 687
262	Waco	4	18	52	426	6, 219	6, 040	8, 504	171	61, 659
263	Wichita Falls	3	13	47	244	4, 890	4, 625	8, 061	173	59, 768
264	UTAH									
265	Ogden	3	17	100	262	6, 053	5, 972	10, 776	177	57, 317
266	VIRGINIA	68	142	378	2, 262	38, 358	37, 517	66, 553		265, 121
267	Alexandria	7	13	33	249	3, 816	3, 672	6, 970	180	29, 188
268	Arlington County (P. O. Arlington).	13	36	76	422	7, 865	7, 666	13, 392	180	84, 474
269	Danville	3	13	52	186	2, 697	2, 697	4, 585	180	19, 401
270	Lynchburg	9	13	40	236	4, 050	3, 910	7, 197	182	24, 556
271	Newport News	10	14	55	206	3, 849	3, 926	6, 784	182	25, 111
272	Petersburg	6	12	37	171	3, 170	2, 932	5, 252	180	22, 208
273	Portsmouth	9	15	22	319	5, 925	5, 767	10, 006	184	14, 607
274	Roanoke	11	26	63	473	6, 986	6, 947	12, 367	180	45, 576
275	WASHINGTON									
276	Everett	6	13	87	254	6, 031	5, 431	7, 472	171	40, 082
277	WISCONSIN	59	125	694	2, 084	34, 784	34, 082	62, 784		411, 613
278	Eau Claire	4	11	55	133	2, 856	2, 819	5, 149	175	29, 496
279	Green Bay	10	13	61	209	3, 073	3, 261	5, 697	178	39, 990
280	Kenosha	3	14	67	231	4, 152	3, 882	7, 127	179	55, 573
281	La Crosse	6	13	66	190	3, 276	3, 121	6, 005	190	34, 139
282	Madison	9	20	85	391	5, 553	5, 495	9, 791	177	74, 823
283	Oshkosh	7	8	60	175	2, 709	2, 721	5, 106	180	24, 487
284	Racine	6	14	93	258	4, 704	4, 607	8, 882	183	40, 610
285	Sheboygan	2	12	85	176	3, 179	3, 063	5, 796	184	34, 518
286	Superior	5	10	47	154	2, 587	2, 589	4, 769	175	28, 394
287	West Allis	7	10	75	167	2, 695	2, 524	4, 462	185	49, 583

¹ Includes persons rendering instructional services supplementary to regular classroom instruction in libraries, study halls, guidance, health, psychological work, etc., provided half or more than half of their employment time is given to such instructional work.

² The actual number of days in the school year that children were taught.

³ Includes instructional supplies; textbooks free to all pupils; school library books; and other expense, including salaries of full-time librarians. The expenditure for textbooks which are furnished gratis to indigent pupils, only, is classified as an auxiliary services item, and reported accordingly.

⁴ Includes amounts shown in columns 10, 11, 12, 13, 14, 15, 17, and 18, plus amounts not tabulated but reported by city school systems as expenditures for the following current accounts: Auxiliary school services; fixed charges; community services to public and nonpublic schools paid from school district funds; and adult and summer schools. This total figure covers all school current expenditures whether or not same are directly allocable to the charge per pupil in average daily attendance for the public-school system reporting.

⁵ Includes the Phoenix Junior College data.

for public-school systems, by State and by city: 1949-50—Continued

TO 99,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Mainte- nance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
9,000	49,000	885,556		66,296	1,009,852	186,819	12,671	1,272
347,312	1,055,386	16,765,305	348,451	621,643	19,138,097	1,540,290	1,214,112	24,306
32,147	114,976	1,622,052	28,649	38,306	1,836,130	126,060	81,892	2,217
55,022	171,551	2,417,125	78,555	115,104	2,837,357	207,970	144,050	3,456
35,857	105,911	1,308,149	18,000	142,093	1,610,010	111,562	136,303	2,059
9,440	30,331	563,831	10,860	25,277	639,739	66,520	51,496	856
31,665	116,756	2,078,891	7,852	30,768	2,265,932	178,822	196,158	3,139
82,947	141,307	2,272,251	83,552	70,935	2,650,992	214,203	125,523	3,279
11,100	50,746	903,251	26,750	26,677	1,018,524	114,862	62,960	1,295
16,180	42,920	752,462	22,000	13,200	846,762	83,260	55,000	1,065
6,000	87,512	1,166,475	8,262	50,042	1,318,291	111,292	59,927	1,826
24,100	47,885	1,281,032	35,786	49,984	1,438,787	138,161	122,454	1,901
27,950	76,738	1,443,621	20,000	34,957	1,603,266	106,911	124,527	1,922
14,904	68,753	956,165	8,185	24,300	1,072,307	80,667	53,822	1,291
14,130	92,675	1,174,518	16,086	85,285	1,382,694	144,073	104,237	1,789
269,154	567,268	7,577,638	214,621	414,489	9,043,170	977,676	688,832	11,767
28,602	56,338	972,277	38,414	19,051	1,114,682	159,207	29,904	1,387
62,700	155,267	1,546,662	44,967	94,006	1,903,602	214,661	165,188	2,636
18,774	65,000	611,208	18,161	64,989	778,132	75,301	25,142	906
30,412	51,736	737,578	16,566	24,390	860,682	76,897	65,983	1,108
36,560	57,196	708,558	24,226	44,668	871,208	95,735	47,004	1,111
27,065	41,847	515,185	9,453	21,707	615,257	73,530	45,286	783
33,026	69,049	914,757	21,217	42,088	1,080,137	92,497	213,486	1,448
32,015	70,835	1,571,413	41,617	103,590	1,819,470	189,848	96,839	2,388
30,432	65,765	1,150,062	32,780	98,373	1,377,412	217,740	231,079	2,031
257,029	581,212	9,826,300	277,282	597,282	11,539,105	2,011,652	871,719	15,825
16,500	38,268	636,497	11,815	41,715	744,795	117,720	96,813	1,076
41,961	65,758	916,834	29,490	79,292	1,133,335	233,664	87,676	1,583
14,694	68,223	1,103,928	28,379	75,328	1,290,552	212,587	84,852	1,760
27,590	58,368	788,931	10,021	64,752	949,662	204,575	41,336	1,257
45,544	101,712	1,773,088	67,487	108,697	2,096,528	341,512	120,355	2,894
24,747	29,216	821,139	22,847	58,406	956,855	170,649	87,376	1,356
22,547	71,100	1,309,328	41,469	78,371	1,522,815	245,107	116,198	2,017
10,500	47,059	886,096	28,785	35,104	1,007,544	149,345	60,050	1,296
22,165	45,100	644,849	11,942	34,813	758,869	166,718	92,500	1,092
30,781	56,408	945,610	25,047	20,304	1,078,150	169,775	84,663	1,494

⁶ Number of positions revised upward from that reported in order to accord with the amounts reported as salary expenditure for these positions. Average of salary payments prevailing in similar school districts used as unit for computing numbers of positions recorded. The Phoenix High School and Junior College District included positions of principals, assistant principals, registrars, and deans under the category of principal positions.

⁷ Distribution by sex not reported. Total divided on basis of previous biennial reports to this Office showing distribution by sex.

⁸ Includes Junior College data.

⁹ Not reported for 1949-50, data previously reported for 1947-48 was used.

¹⁰ Estimated, roughly, on basis of 1947-48 data plus data on salaries reported for similar positions in comparable school districts.

¹¹ Includes vice-principals.

Table 3.—Personnel, attendance, and current expenditure data

Group III.—CITIES OF

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Aver- age daily attend- ance	Length of school year ² (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
1	Continental United States.....	1,523	4,022	19,845	66,440	1,196,006	1,156,279	2,085,589	-----	\$15,916,518
2	ALABAMA.....	6	55	179	1,192	23,129	23,342	40,754	-----	158,293
3	Anniston.....		8	15	163	3,082	3,010	5,141	178	27,200
4	Dothan.....	2	3	16	107	2,062	2,126	3,780	176	12,737
5	Fairfield.....		5	15	90	1,540	1,456	2,798	180	12,279
6	Phenix City.....		2	18	113	2,583	2,666	4,454	175	6,323
7	Selma.....		6	17	115	2,363	2,546	4,351	175	11,869
8	Other cities.....	4	31	98	604	11,499	11,538	20,230	-----	87,885
9	ARKANSAS.....	20	61	154	930	19,886	19,256	33,126	-----	132,643
10	Blytheville.....	3	2	12	78	2,117	2,087	3,400	178	14,155
11	El Dorado.....	1	8	20	142	2,630	2,436	4,350	180	20,311
12	Helena-West Helena.....		8	14	98	2,217	2,214	3,414	176	16,700
13	Hot Springs.....	5	13	20	137	2,745	2,711	4,738	175	22,731
14	Jonesboro.....	2	3	20	72	1,410	1,350	2,594	178	9,618
15	North Little Rock.....	5	11	28	167	3,800	3,640	6,297	174	22,503
16	Pine Bluff.....	5	9	21	147	2,917	2,854	5,220	172	15,594
17	Texarkana.....		7	19	89	2,050	1,964	3,113	175	11,031
18	CALIFORNIA.....	147	356	2,242	5,722	117,320	110,336	208,154	-----	1,899,387
19	Albany.....		5	33	93	1,770	1,731	3,392	175	26,545
20	Anaheim.....									
21	Elementary District.....	1	6	8	58	918	884	1,532	175	14,639
22	High School District.....		1	26	28	619	619	1,053	175	21,433
23	Bakersfield.....									
24	Elementary District.....	5	21	52	408	6,560	6,274	12,215	178	99,819
25	High School District.....	7	10	225	155	5,704	4,819	8,147	175	106,300
26	Beverly Hills.....	3	6	39	118	1,627	1,641	3,167	170	38,978
27	Brawley.....									
28	Elementary District.....		2	8	79	1,422	1,387	2,571	170	24,032
29	High School District.....		1	10	19	290	305	573	170	10,781
30	Burlingame.....	1	5	10	71	929	919	1,737	175	12,908
31	Compton.....									
32	Elementary District.....	6	12	15	223	4,315	4,315	8,365	176	70,556
33	High School District.....	4	13	124	134	5,363	5,071	9,445	175	70,902
34	Eureka.....	6	9	29	130	2,306	2,136	3,836	172	29,478
35	Modesto.....	6	15	132	281	5,705	5,041	10,127	175	91,656
36	National City.....									
37	Elementary District.....		4	1	79	1,232	1,210	2,402	170	25,643
38	High School District.....	1	14	49	109	1,983	1,869	3,669	170	39,079
39	Ontario.....									
40	Elementary District.....	3	10	35	85	2,244	2,027	3,863	173	23,889
41	High School District.....		6	73	47	1,263	1,299	2,175	175	10,613
42	Palo Alto.....		14	40	153	2,830	2,711	4,692	174	53,597
43	Pomona.....	6	10	66	150	3,050	3,033	5,787	176	52,090
44	Redondo Beach.....									
45	Elementary District.....		8	14	129	2,163	1,719	3,882	173	28,508
46	High School District.....		1	45	44	1,054	1,030	1,980	175	33,949
47	Redwood City.....									
48	Elementary District.....	6	9	41	105	2,560	2,400	4,491	175	22,162
49	High School District.....	3	1	63	56	1,496	1,431	2,695	174	25,171
50	San Gabriel.....		5	15	95	1,620	1,621	3,128	176	35,431
51	Santa Cruz.....	3	9	41	94	1,864	1,627	3,184	180	17,884
52	Other cities.....	86	159	1,048	2,779	56,433	53,217	100,046	-----	913,294
53	COLORADO.....	8	28	129	464	7,685	7,569	13,762	-----	102,976
54	Boulder.....	2	8	23	96	1,413	1,356	2,636	179	21,879
55	Fort Collins.....	1	3	25	86	1,498	1,485	2,844	174	15,784
56	Grand Junction.....	3	5	32	111	1,762	1,735	3,350	175	23,428
57	Greeley.....	1	6	33	99	1,879	1,860	3,036	177	24,976
58	Trinidad.....	1	6	16	72	1,133	1,133	1,896	178	16,909

See footnotes at end of Group III of this table.

for public-school systems, by State and by city: 1949-50—Continued

10,000 TO 29,999 POPULATION

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Maintenance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
\$6,471,634	\$17,646,403	\$267,538,712	\$4,838,765	\$18,783,035	\$315,277,949	\$46,813,641	\$21,761,749	\$437,584
19,196	194,190	3,089,469	32,533	78,388	3,413,776	278,660	175,504	4,589
-----	27,270	408,955	3,600	18,000	457,825	39,700	20,225	674
5,060	11,884	285,583	-----	1,869	304,396	16,606	19,478	393
-----	17,150	243,827	4,400	3,000	268,377	24,712	18,400	487
-----	6,384	262,957	2,500	4,963	276,804	16,961	6,743	311
-----	20,080	283,124	3,000	7,290	313,494	25,242	23,835	414
14,136	111,422	1,605,023	19,033	43,266	1,792,880	155,439	86,823	2,310
60,012	190,247	2,384,952	31,649	61,373	2,728,233	264,204	175,667	3,744
8,013	9,835	226,970	1,530	2,464	248,812	30,530	10,538	323
4,600	24,350	411,171	3,942	9,702	453,665	8,239	12,158	534
-----	23,202	190,543	2,253	6,325	222,323	34,525	14,157	310
10,000	41,407	384,312	6,698	8,610	451,027	56,786	22,179	606
5,000	8,203	167,800	1,350	4,113	186,466	27,446	9,231	240
17,499	33,160	442,957	9,555	20,406	523,577	48,408	55,544	900
15,000	27,440	355,601	4,201	7,284	409,526	41,069	41,921	538
-----	22,650	205,598	2,120	2,469	232,837	17,201	9,939	293
716,715	1,947,778	30,302,451	995,142	3,194,585	37,156,671	5,141,956	2,151,742	54,041
-----	23,860	442,895	15,423	56,653	543,831	66,669	43,929	778
4,150	27,000	238,485	-----	5,744	270,379	38,260	6,780	360
-----	7,500	254,974	2,195	38,256	302,925	59,179	32,482	459
27,625	104,600	1,518,355	59,088	103,367	1,813,035	225,510	106,440	2,429
46,290	54,788	1,600,403	111,859	347,759	2,161,099	444,783	124,637	3,406
19,844	38,818	672,040	43,944	59,458	834,104	180,964	81,521	1,207
-----	9,040	290,000	7,679	15,000	321,719	45,940	21,942	481
-----	5,000	113,415	-----	9,643	128,058	21,681	11,127	187
5,160	21,600	280,150	1,000	18,425	326,335	35,615	31,352	452
26,114	61,045	803,484	40,946	42,090	973,679	139,446	62,511	1,609
22,622	87,750	1,043,825	68,200	82,551	1,304,948	166,093	100,417	1,768
27,000	45,000	525,589	-----	60,591	658,180	87,629	36,005	880
38,159	104,757	1,414,436	98,767	123,348	1,779,467	244,115	114,749	2,582
-----	18,576	262,317	7,208	16,349	304,450	26,248	9,258	480
5,000	84,000	655,680	-----	106,128	850,808	88,503	39,212	1,154
15,000	45,000	400,759	-----	36,227	496,986	51,639	30,027	653
-----	27,368	400,340	17,794	38,238	483,740	53,359	24,476	647
-----	67,462	720,110	47,059	66,773	901,404	121,470	55,102	1,266
29,232	48,890	776,096	49,844	53,645	957,707	122,061	62,654	1,309
-----	32,800	412,092	16,725	43,140	504,757	58,221	18,701	656
-----	6,500	388,914	16,702	33,086	445,202	88,878	32,986	738
25,000	60,000	505,269	-----	60,457	640,726	59,887	25,391	791
20,820	6,500	510,611	11,850	60,117	609,898	88,498	42,544	870
-----	26,300	388,301	14,257	30,420	459,278	51,979	33,494	631
12,000	47,000	528,615	-----	65,964	653,579	118,055	22,681	984
392,699	891,624	15,160,296	364,602	1,621,156	18,430,377	2,507,274	991,354	27,264
32,122	119,250	1,649,578	21,132	94,613	1,916,695	274,213	102,617	2,670
6,612	27,800	318,977	7,142	11,116	371,647	59,321	17,756	530
4,000	12,780	321,658	5,304	9,697	353,439	51,393	22,521	486
10,500	29,989	383,634	-----	35,005	459,028	71,802	19,717	642
4,789	28,183	407,010	6,692	20,710	467,384	62,775	28,761	655
6,221	20,498	218,399	1,994	18,085	265,197	28,922	13,862	357

Table 3.—Personnel, attendance, and current expenditure data

Group III.—CITIES OF 10,000 TO

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:
City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attenda- nce	Length of school year (days taught)	Adminis- tration (general control)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
51 CONNECTICUT.....	27	84	238	1,084	18,274	17,872	32,274	-----	207,200
52 Danbury.....	6	25	119	1,924	1,930	3,389	182	-----	19,817
53 Derby.....	6	8	35	496	462	888	180	-----	10,669
54 East Hartford.....	4	11	30	166	2,477	2,306	4,439	180	21,371
55 Naugatuck.....	4	7	8	66	1,127	1,162	2,059	181	15,223
56 Shelton.....	4	5	6	49	847	816	1,455	180	9,439
57 Torrington.....	4	11	28	120	1,984	2,119	3,712	180	16,309
58 Wallingford.....	5	4	19	84	1,242	1,230	2,206	180	13,663
59 Willimantic.....	4	4	20	61	1,195	1,222	2,017	181	15,260
60 Other cities.....	10	30	94	384	6,982	6,625	12,109	-----	85,449
61 GEORGIA.....	13	55	128	1,065	20,391	20,561	34,772	-----	132,293
62 Albany.....	1	3	12	150	3,199	3,261	5,499	175	16,790
63 Athens.....	10	11	10	126	2,193	2,195	3,789	180	20,306
64 Dalton.....	1	1	9	89	1,774	1,651	2,816	177	13,336
65 Decatur.....	1	9	11	105	1,853	1,827	3,193	180	14,632
66 Griffin.....	2	12	75	1,398	1,390	2,395	180	-----	11,412
67 La Grange.....	10	11	140	2,518	2,653	4,367	176	-----	11,873
68 Thomasville.....	8	18	92	1,786	1,758	3,043	175	-----	10,968
69 Other cities.....	1	11	45	288	5,670	5,826	9,670	-----	32,976
70 IDAHO.....	13	54	249	820	18,517	17,907	31,248	-----	171,972
71 Boise.....	4	16	67	247	4,922	5,000	8,509	178	57,305
72 Coeur d'Alene.....	2	21	64	1,409	1,284	2,493	172	-----	10,683
73 Lewiston.....	5	6	26	73	1,659	1,667	2,523	178	16,728
74 Pocatello.....	1	12	31	143	3,656	3,513	6,167	172	30,718
75 Twin Falls.....	2	5	28	97	2,179	2,180	3,699	174	13,959
76 Other cities.....	1	13	76	196	4,692	4,263	7,857	-----	42,579
77 ILLINOIS.....	73	164	1,194	3,246	56,022	54,395	97,351	-----	1,061,704
78 Brookfield, District No. 95.....	-----	-----	4	30	495	477	926	189	14,688
79 Canton.....	1	3	26	81	1,444	1,410	2,569	175	19,184
80 Champaign.....	15	5	41	141	2,110	2,111	3,816	188	21,341
81 East Moline.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
81 Elementary District.....	4	5	6	44	834	719	1,352	185	15,259
82 High School District.....	-----	-----	25	20	505	520	906	185	21,062
83 Elmhurst.....	-----	5	14	79	1,323	1,243	2,270	186	22,957
84 Elementary District.....	-----	2	38	28	813	812	1,490	187	21,591
85 High School District.....	2	2	5	36	415	435	847	187	13,716
86 Forest Park.....	-----	7	72	168	2,717	2,639	4,863	185	19,352
87 Galesburg.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
87 Highland Park.....	-----	1	7	30	375	364	636	186	12,504
88 Elementary District.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
88 No. 107.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
88 Elementary District.....	2	5	12	48	596	586	1,016	185	17,314
89 No. 108.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
89 High School District.....	-----	1	29	25	537	493	998	187	22,901
90 No. 113.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
90 Jacksonville.....	6	6	31	89	1,185	1,152	2,174	176	17,977
91 Kankakee.....	-----	-----	20	109	1,597	1,568	2,929	185	24,652
92 Kewanee.....	-----	3	21	81	1,208	1,155	2,211	180	19,094
93 La Grange.....	-----	3	5	88	1,119	1,061	1,806	186	32,620
93 Elementary District.....	-----	2	52	39	1,124	963	1,671	191	20,864
94 High School District.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
95 Lincoln.....	-----	-----	5	38	617	617	1,087	185	6,258
95 Elementary District.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
96 No. 27.....	-----	1	19	12	265	293	543	179	5,522
96 High School District.....	-----	3	7	80	1,222	1,222	1,990	185	15,250
97 Park Ridge District.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
98 No. 64.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
98 Wilmette.....	3	3	9	75	962	963	1,637	180	38,387

See footnotes at end of Group III of this table.

for public-school systems, by State and by city: 1949-50—Continued

29,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Mainte- nance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
100,017	366,913	4,323,466	64,415	297,688	5,152,499	726,709	316,533	6,960
-----	23,975	527,357	4,449	31,739	587,520	82,337	20,456	766
-----	24,661	159,128	3,525	7,339	194,653	23,246	8,448	255
17,165	47,205	573,108	16,409	39,274	693,161	115,152	22,871	898
15,700	29,995	264,938	1,624	16,148	328,405	49,544	22,378	484
-----	20,840	186,234	2,998	6,074	216,146	32,424	9,842	302
12,897	48,900	517,197	7,400	33,382	619,776	82,722	44,969	816
17,600	19,475	333,586	4,456	32,338	407,455	52,226	22,599	546
-----	13,670	208,870	7,234	22,409	252,183	48,773	20,392	440
36,655	138,192	1,553,048	16,320	108,985	1,853,200	240,285	144,578	2,453
-----	34,907	155,673	2,684,110	18,957	119,674	308,388	113,631	4,107
4,325	12,160	435,825	1,518	23,514	477,342	46,953	38,577	600
22,000	25,659	328,452	3,054	9,525	388,690	34,236	9,194	666
-----	3,560	226,675	-----	5,294	235,469	20,000	4,132	329
4,766	26,893	264,591	1,894	21,408	319,552	46,184	5,585	461
-----	6,814	175,080	9,971	5,348	197,213	28,935	5,879	291
-----	28,555	333,400	-----	14,581	376,536	50,468	8,450	449
-----	14,431	150,369	-----	8,061	172,861	8,367	16,720	272
3,816	37,661	769,718	2,520	31,943	845,658	73,245	25,094	1,039
-----	49,732	208,783	2,862,415	42,317	190,143	3,353,390	482,032	319,066
14,840	61,772	816,596	12,888	39,450	945,546	133,018	155,930	1,447
-----	6,000	218,717	3,160	9,092	236,969	43,490	8,015	337
19,239	28,378	271,959	3,900	27,848	351,324	52,988	12,270	512
6,452	38,598	508,874	1,784	36,668	592,376	93,892	82,611	909
5,701	24,246	328,774	3,742	24,723	387,186	47,883	28,862	533
3,500	49,789	717,495	16,843	52,362	839,989	110,761	31,378	1,143
-----	283,453	726,179	14,192,164	201,814	869,254	16,272,864	2,914,789	1,185,668
-----	-----	83,063	2,040	4,315	89,418	18,902	4,576	135
3,025	10,035	309,678	-----	5,901	328,639	56,116	45,601	485
97,116	38,951	588,104	11,484	70,125	805,780	130,372	33,184	1,006
-----	11,900	19,575	159,817	3,000	12,825	207,117	10,910	286
-----	-----	166,500	-----	8,275	174,775	24,960	17,602	264
-----	24,015	274,000	7,171	9,484	314,670	59,336	29,279	441
-----	7,938	283,838	-----	8,386	300,162	44,136	13,182	406
8,000	9,400	140,746	-----	9,836	167,982	33,848	16,543	244
-----	21,892	742,096	26,492	47,886	838,366	143,063	23,225	1,107
-----	4,000	136,434	5,449	4,746	150,629	31,498	-----	202
9,500	23,473	245,228	-----	10,593	288,794	47,793	10,382	376
-----	10,000	272,658	11,894	27,633	322,185	60,270	42,817	726
23,570	24,415	376,247	6,364	17,990	448,586	59,348	34,294	613
-----	-----	429,520	6,198	13,378	449,096	99,236	53,303	665
-----	13,650	286,093	5,449	16,136	321,328	54,918	29,528	455
-----	-----	89,803	-----	4,558	94,361	9,907	-----	112
-----	5,600	98,806	1,800	10,160	116,366	27,181	2,660	161
-----	14,401	284,287	7,849	15,336	321,873	63,360	19,089	436
16,538	16,147	279,148	5,976	30,917	348,726	55,520	22,603	508

Table 3.—Personnel, attendance, and current expenditure data

Group III.—CITIES OF 10,000 to

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
	1	2	3	Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
	ILLINOIS—Con.									
99	Winnethka:		4	20	72	863	807	1,431	180	35,223
100	Elementary District		6	65	70	1,185	1,106	1,939	185	72,254
101	High School District									
	Other cities	40	97	661	1,763	32,511	31,679	56,344		551,734
102	INDIANA	48	124	714	1,715	35,215	34,411	60,752		391,309
103	Bedford	2	6	17	66	1,030	1,037	1,998	180	11,314
104	Bloomington		4	53	125	1,851	1,836	3,223	174	19,954
105	Columbus	1	6	40	82	1,975	1,789	3,459	180	15,939
106	Crawfordsville		4	29	54	1,104	1,167	2,022	178	11,887
107	Frankfort	2	4	30	82	1,557	1,507	2,653	171	15,378
108	Goshen		6	30	56	1,174	1,248	2,188	169	14,999
109	Huntington	3	7	25	65	1,151	1,205	2,116	180	13,740
110	Jeffersonville		1	33	57	1,328	1,302	2,222	171	13,173
111	La Fayette	5	10	48	122	2,764	2,457	4,350	176	32,792
112	Logansport		1	42	92	1,896	1,771	3,008	176	25,679
113	Michigan City	2	4	43	85	2,017	1,997	3,606	180	19,020
114	Other cities	33	71	324	829	17,368	17,095	29,907		197,434
115	IOWA	37	91	347	1,307	21,889	21,323	38,686		273,967
116	Boone	4	7	19	68	1,538	1,256	2,192	180	16,166
117	Clinton	3	8	32	144	2,345	2,315	4,258	181	21,643
118	Fort Madison	1	2	17	64	927	950	1,718	179	16,167
119	Keokuk	6	5	27	79	1,398	1,404	2,481	180	28,855
120	Marshalltown	3	8	24	106	1,759	1,715	3,116	180	17,668
121	Mason City	7	13	45	173	2,573	2,429	4,506	180	32,115
122	Muscatine		11	30	95	1,719	1,744	3,262	180	15,718
123	Newton	5	4	20	74	1,404	1,410	2,248	180	12,997
124	Other cities	8	33	133	504	8,426	8,100	14,905		112,638
125	KANSAS	25	94	430	1,176	23,811	22,448	39,687		233,526
126	Chanute	2	8	24	59	1,240	1,159	2,096	180	12,016
127	Fort Scott		2	19	57	1,004	854	1,609	176	11,456
128	Independence		5	30	61	1,407	1,261	2,283	176	12,378
129	Leavenworth	1	10	20	88	1,582	1,565	2,672	180	20,368
130	Manhattan	1	3	24	62	1,319	1,214	2,070	174	18,665
131	Newton	4	8	20	61	1,156	1,249	2,215	180	10,598
132	Ottawa		5	22	55	1,050	1,033	1,761	179	13,718
133	Parsons		8	33	80	1,545	1,415	2,568	176	12,781
134	Pittsburg	1	8	23	85	1,541	1,510	2,577	175	14,065
135	Other cities	16	37	215	568	11,967	11,188	19,836		107,481
136	KENTUCKY	9	45	87	568	9,561	9,496	16,551		104,491
137	Ashland	5	13	15	185	2,868	2,804	5,149	174	21,869
138	Bowling Green		6	18	71	1,354	1,348	2,221	180	14,486
139	Fert Thomas		4	11	45	576	563	1,047	176	16,282
140	Frankfort		7	9	46	674	707	1,308	184	14,154
141	Hopkinsville		6	13	68	1,052	1,101	1,953	178	9,024
142	Other cities	4	9	21	153	3,037	2,973	4,873		28,676
143	LOUISIANA	3	22	60	319	5,958	5,983	10,849		47,622
144	Bogalusa	2	5	17	114	2,088	2,155	3,990	180	18,977
145	Lake Charles		9	23	101	1,895	1,910	3,420	180	14,392
146	Monroe	1	8	20	104	1,975	1,918	3,439	180	14,253
147	MAINE	14	34	177	755	12,644	12,075	22,460		69,864
148	Augusta	3	7	23	78	1,430	1,396	2,547	177	9,529
149	Bath		1	19	71	1,344	1,196	2,301	180	8,760
150	Biddeford		4	6	35	558	557	950	180	5,000
151	Rumford		1	23	52	811	703	1,424	180	5,197
152	Other cities	11	21	106	519	8,501	8,223	15,238		41,378

See footnotes at end of Group III of this table.

for public-school systems, by State and by city: 1949-50—Continued

29,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Maintenance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
-----	26,242	343,207	12,559	18,690	400,698	66,489	33,784	546 99
-----	44,799	660,862	-----	45,356	751,017	160,992	45,252	1,115 100
113,804	383,076	7,216,681	68,584	450,465	8,232,610	1,498,393	645,753	12,192 101
214,107	566,803	8,426,227	107,103	312,385	9,626,625	1,460,906	535,537	12,604 102
10,132	25,125	258,895	1,878	4,225	300,255	40,827	12,399	374 103
-----	15,650	431,368	3,750	27,160	477,928	91,573	28,411	764 104
5,736	28,900	394,412	4,062	11,047	444,157	65,368	19,351	565 105
-----	13,572	275,265	5,094	11,559	305,490	40,425	13,504	379 106
8,725	17,459	370,675	2,830	17,644	417,324	59,062	-----	497 107
-----	30,543	291,700	1,575	7,464	331,282	52,755	13,395	421 108
17,362	34,396	311,135	2,818	13,610	379,321	62,810	18,161	505 109
-----	4,758	318,762	-----	5,524	329,044	47,681	23,651	424 110
21,247	59,175	656,864	10,738	26,702	774,726	113,724	55,795	994 111
-----	5,892	490,045	6,709	13,790	516,436	78,727	41,778	663 112
10,058	20,600	497,165	5,392	14,087	547,302	97,657	32,050	729 113
140,847	310,742	4,129,941	62,257	159,573	4,803,360	710,267	277,042	6,289 114
144,606	390,525	4,834,791	68,408	272,345	5,710,675	978,605	405,817	7,880 115
15,694	25,628	256,271	2,137	13,746	313,476	55,814	15,455	441 116
12,633	33,542	533,148	13,812	28,821	621,956	114,558	48,272	889 117
3,000	7,400	220,404	-----	12,348	243,152	42,113	15,210	339 118
21,420	18,224	322,192	8,076	20,830	390,742	55,457	32,420	531 119
9,000	27,000	368,844	-----	28,760	433,604	78,437	30,519	590 120
26,950	68,438	680,467	7,223	41,531	824,609	135,089	51,638	1,097 121
-----	62,239	357,945	9,462	17,241	446,887	64,682	13,504	585 122
20,000	16,000	262,369	-----	20,518	318,887	45,547	21,265	443 123
35,909	132,054	1,833,151	27,698	88,550	2,117,362	386,908	177,534	2,965 124
91,736	345,196	4,383,084	71,470	282,122	5,173,608	715,657	279,225	6,750 125
5,400	20,630	213,692	3,725	8,013	251,460	43,800	5,182	344 126
-----	8,100	194,587	3,947	15,511	222,145	27,185	2,329	280 127
-----	20,724	243,146	4,385	15,802	284,057	45,163	5,503	357 128
3,958	26,361	265,379	5,544	18,404	319,646	41,205	31,448	437 129
3,657	11,335	262,781	3,522	11,810	293,105	36,216	13,499	372 130
13,979	35,229	223,208	3,456	22,367	298,239	42,556	4,497	364 131
-----	20,474	197,294	2,610	15,745	236,126	31,196	13,858	303 132
-----	27,192	278,798	4,278	16,780	327,048	40,610	11,349	451 133
3,300	29,050	298,408	4,804	15,010	350,572	49,548	40,395	477 134
61,442	146,101	2,205,791	35,199	142,677	2,591,210	358,178	151,165	3,365 135
22,200	138,633	1,345,882	9,730	42,602	1,559,047	192,122	99,785	2,082 136
14,200	37,347	415,189	3,986	17,831	488,603	55,493	39,126	668 137
-----	22,818	148,021	-----	3,323	174,162	16,536	5,703	217 138
-----	16,050	156,859	2,200	7,159	182,268	25,732	9,897	243 139
-----	22,936	126,548	-----	3,367	152,851	24,034	17,541	221 140
-----	14,370	144,409	-----	4,300	163,079	24,537	7,575	219 141
8,000	25,112	354,856	3,544	6,572	398,084	45,790	19,943	514 142
14,015	88,804	1,138,834	3,880	45,819	1,291,352	95,615	72,254	1,984 143
9,200	20,574	412,178	-----	27,602	469,554	35,461	25,121	700 144
-----	35,580	348,326	1,380	7,956	393,242	32,846	9,172	592 145
4,815	32,650	378,330	2,500	10,261	428,556	27,308	37,961	692 146
53,281	124,985	2,103,240	19,708	173,787	2,475,001	442,436	154,212	3,367 147
10,863	22,175	245,355	2,500	15,754	296,647	51,289	10,188	384 148
-----	4,500	212,253	3,000	29,129	248,882	45,236	10,457	326 149
-----	15,000	62,570	-----	897	78,467	18,557	14,070	142 150
-----	4,000	172,128	-----	6,478	182,606	31,846	16,696	326 151
42,418	79,310	1,410,934	14,208	121,529	1,668,399	295,508	102,801	2,189 152

Table 3.—Personnel, attendance, and current expenditure data

Group III.—CITIES OF 10,000 TO

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
		Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Aver- age daily atten- dance		Length of school year (days taught)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
153	MASSACHUSETTS.....	183	250	1,011	3,924	62,778	60,355	112,427	-----	740,700
154	Amesbury.....	2	2	16	37	6,624	6,624	1,159	177	11,366
155	Andover.....	5	5	11	50	832	830	1,555	176	7,343
156	Athol.....	2	6	16	60	1,008	993	1,861	173	12,409
157	Attleboro.....	8	8	19	112	1,731	1,703	3,118	180	18,003
158	Beverly.....	6	9	26	139	1,874	1,851	3,420	179	23,367
159	Clinton.....	1	21	42	690	745	745	1,326	177	11,555
160	Danvers.....	3	5	17	69	1,103	1,100	2,010	179	8,347
161	Easthampton.....	2	9	39	524	546	546	957	179	7,655
162	Fairhaven.....	3	5	13	56	949	994	1,771	181	9,428
163	Framingham.....	10	10	32	115	1,948	1,840	3,359	180	25,169
164	Gardner.....	4	8	18	66	1,042	951	1,895	169	12,898
165	Greenfield.....	1	2	22	79	1,235	1,199	2,216	180	11,163
166	Lexington.....	4	19	80	1,239	1,198	1,198	2,261	178	10,281
167	Marblehead.....	7	11	92	1,088	1,027	1,027	1,967	178	12,332
168	Marlboro.....	4	3	16	59	973	875	1,641	177	11,987
169	Melrose.....	5	10	28	128	1,902	1,788	3,365	179	21,644
170	Methuen.....	6	7	17	88	1,513	1,410	2,750	177	15,453
171	Milton.....	6	7	22	104	1,661	1,420	2,806	179	18,560
172	Natick.....	6	3	20	82	1,647	1,442	2,766	176	15,941
173	Newburyport.....	5	2	2	74	889	904	1,620	178	9,259
174	North Adams.....	7	28	108	1,614	1,602	2,921	176	15,783	
175	Northbridge.....	2	18	42	833	735	735	1,457	179	8,642
176	Peabody.....	6	10	26	95	1,470	1,382	2,625	176	20,382
177	Plymouth.....	3	5	22	65	1,216	1,136	2,157	180	13,002
178	Saugus.....	3	2	26	73	1,661	1,534	2,946	177	9,319
179	Southbridge.....	3	5	13	55	893	904	1,622	182	11,647
180	Stoneham.....	4	2	15	56	934	912	1,721	180	14,452
181	Other cities.....	95	111	508	1,859	29,685	28,710	53,155	-----	373,313
182	MICHIGAN.....	42	137	963	2,740	48,460	47,760	87,487	-----	759,123
183	Adrian.....	2	7	20	101	1,550	1,520	2,873	190	17,557
184	Alpena.....	2	2	27	57	1,147	1,063	1,848	188	21,456
185	Ann Arbor.....	10	60	165	6,253	6,253	6,253	4,741	192	36,344
186	Birmingham.....	7	26	116	1,804	1,804	1,804	3,300	200	33,821
187	Calumet.....	4	26	35	862	861	861	1,623	190	11,566
188	Escanaba.....	1	2	26	84	1,453	1,442	2,666	174	15,154
189	Ferndale.....	10	45	152	2,963	2,964	2,964	4,804	200	43,455
190	Grosse Pointe.....	1	9	52	176	2,776	2,778	5,069	189	52,279
191	Holland.....	4	35	76	1,412	1,412	1,404	2,612	184	12,291
192	Iron Mountain ⁷	4	2	13	61	993	999	1,866	179	13,388
193	Ironwood.....	1	1	27	53	1,068	1,010	1,884	182	17,054
194	Menominee.....	1	2	26	52	1,042	1,000	1,936	195	13,242
195	Midland.....	2	6	48	113	1,911	1,906	3,522	190	30,053
196	Monroe.....	3	5	44	110	1,799	1,801	3,450	195	33,979
197	Mount Clemens.....	2	1	15	106	1,670	1,658	2,894	190	21,184
198	Muskegon Heights.....	4	4	38	95	2,174	2,081	3,858	200	19,932
199	Other cities.....	21	61	435	1,188	21,306	20,937	38,541	-----	366,368
200	MINNESOTA.....	36	64	433	1,169	19,576	18,608	34,232	-----	276,107
201	Albert Lea.....	1	2	40	85	1,721	1,632	2,934	172	12,799
202	Brainerd.....	2	4	26	93	1,581	1,521	2,621	172	19,690
203	Faribault.....	2	1	24	53	964	949	1,697	172	13,389
204	Fergus Falls.....	1	2	19	69	1,125	1,224	2,140	172	13,911
205	Rochester.....	5	14	64	143	2,364	2,200	4,036	180	47,083
206	South St. Paul.....	4	8	24	81	1,611	1,562	2,835	172	23,744
207	Virginia.....	3	4	37	93	1,229	1,049	2,124	180	22,778
208	Other cities.....	18	29	199	552	8,981	8,471	15,845	-----	122,713

See footnotes at end of Group III of this table.

for public-school systems, by State and by city: 1949-50—Continued

29,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only					School plant		Total ⁴ (in thou- sands)	
Salaries and wages				Other ³	Total	Operation		Mainte- nance
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
752,414	1,075,571	14,951,492	157,721	1,075,876	18,013,074	2,709,193	1,110,896	23,902
8,132	157,830	1,900	15,778	183,640	27,510	9,606	244	154
20,000	202,698	5,237	10,773	238,708	47,066	9,911	326	155
22,769	184,742	2,547	11,694	230,456	40,721	7,512	305	156
8,704	31,925	366,455	1,856	23,016	451,966	60,302	32,918	593
28,714	38,844	478,265	9,636	35,160	584,375	113,163	46,897	794
22,470	4,770	182,299	1,832	6,864	195,765	30,244	12,546	264
9,124	18,950	250,743	4,216	18,579	301,612	47,031	25,886	392
7,426	133,915	2,821	6,546	150,708	28,880	13,541	217	161
12,000	20,000	197,321	13,874	243,195	41,240	16,891	326	162
40,000	40,000	449,416	5,000	9,581	543,997	72,474	41,961	741
14,936	29,952	242,061	2,350	18,250	307,549	45,999	36,494	419
6,800	8,400	282,720	5,248	27,554	330,722	56,428	22,551	442
23,392	273,927	8,800	20,270	326,389	45,062	20,935	426	166
28,850	285,872	3,623	27,631	345,976	63,576	11,335	450	167
16,500	11,300	189,717	3,914	221,831	29,163	12,439	295	168
23,450	48,575	539,890	4,981	43,573	660,469	88,721	58,794	852
26,822	31,091	285,070	3,900	18,177	365,060	60,216	17,480	485
24,000	37,699	403,200	21,765	486,664	72,792	34,007	631	171
26,400	13,125	300,363	29,994	369,882	63,652	15,775	494	172
16,851	11,761	203,823	4,432	19,735	256,602	32,275	17,921	331
26,674	393,524	2,800	29,722	452,720	63,475	26,071	599	174
6,711	176,453	1,920	8,961	194,045	28,965	10,001	261	175
24,000	40,000	380,418	5,321	18,521	468,260	63,106	53,616	668
12,284	19,775	267,962	4,769	3,897	308,687	26,708	10,630	413
12,000	8,000	288,229	2,100	16,778	327,107	57,226	19,664	430
10,700	20,517	216,117	2,100	15,008	264,442	39,621	4,330	348
17,750	10,300	228,387	4,102	12,245	272,784	36,503	6,228	343
398,909	486,633	7,390,075	65,830	588,016	8,929,463	1,327,074	514,956	11,813
186,471	695,108	12,748,447	219,722	962,651	14,812,399	2,777,957	983,741	20,272
10,000	43,058	394,944	3,000	45,776	496,778	81,988	21,240	645
10,000	282,781	4,240	17,641	314,662	51,837	14,821	464	184
51,850	729,251	19,214	48,998	849,313	148,617	65,275	1,269	185
38,745	506,844	22,310	42,908	610,807	147,449	30,291	853	186
13,919	161,933	9,784	185,636	369,693	64,953	14,359	262	187
4,500	8,650	328,405	4,155	23,983	389,594	158,049	76,860	1,236
49,730	774,251	20,717	44,896	889,594	1,185,336	276,806	60,474	1,693
7,020	73,606	982,644	40,553	81,513	419,571	63,180	24,312	546
15,549	387,890	6,915	9,217	190,259	33,067	19,746	279	192
14,618	7,305	151,682	1,613	15,041	273,009	68,768	21,985	400
6,929	5,560	231,304	8,107	21,109	266,597	49,538	24,046	380
3,215	6,167	236,082	3,000	18,133	680,448	136,268	29,039	885
9,900	29,046	603,644	5,057	32,801	626,696	120,469	25,549	882
16,533	25,517	512,961	71,685	26,700	439,520	90,405	41,470	620
11,625	5,500	391,737	3,958	25,168	519,331	74,219	36,748	667
15,519	17,570	453,114	7,960	427,298	6,495,149	1,172,478	460,236	8,684
86,612	293,336	5,618,980	68,923	446,119	6,368,801	1,307,965	333,961	9,090
149,858	298,207	5,386,544	88,073	30,891	424,706	77,274	21,925	580
4,300	10,276	374,699	4,540	27,271	414,107	95,486	26,789	576
8,000	18,000	360,836	3,808	29,394	299,802	40,061	23,314	442
11,257	7,173	248,170	25,455	279,321	49,588	32,901	386	204
3,000	7,000	243,866	22,082	82,331	953,176	160,273	20,416	1,294
27,490	71,910	749,363	5,100	27,457	437,195	82,698	7,675	598
11,600	32,955	360,083	12,776	8,624	525,083	159,252	28,799	824
14,666	18,452	479,565	39,767	214,696	3,035,411	643,333	172,142	4,390
69,545	132,441	2,569,962						208

Table 3.—Personnel, attendance, and current expenditure data

Group III.—CITIES OF 10,000 TO

City		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
		Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10	
MISSISSIPPI.....	7	71	119	990	20,183	20,420	34,601	-----	173,434	
209 Biloxi.....	8	7	84	1,689	1,659	2,749	180	17,294		
210 Greenwood ⁷	8	13	81	1,726	1,851	2,923	180	13,262		
212 Hattiesburg.....	1	9	13	130	2,420	2,413	4,112	180	20,271	
213 Laurel.....	1	7	12	134	2,566	2,632	4,396	180	19,380	
214 Natchez.....	5	7	101	1,777	1,788	3,112	178	21,273		
215 Vicksburg.....	5	⁸ 14	⁸ 88	1,774	1,855	3,186	178	⁸ 13,980		
216 Other cities.....	5	29	53	372	8,231	8,222	14,123	-----	67,974	
MISSOURI.....	28	97	297	1,441	24,046	22,789	41,027	-----	249,082	
218 Cape Girardeau.....	1	6	27	95	1,530	1,454	2,598	178	13,989	
219 Clayton.....	3	7	27	88	1,169	1,141	1,977	182	23,894	
220 Hannibal.....	3	7	12	113	1,776	1,694	2,973	180	11,495	
221 Kirksville.....	1	3	12	64	1,047	971	1,710	179	8,359	
222 Kirkwood.....	2	10	27	121	2,277	2,177	3,858	189	27,292	
223 Maplewood.....	5	7	21	93	1,416	1,276	2,311	190	18,384	
224 Moberly.....	1	2	19	76	1,101	1,076	1,964	180	9,200	
225 St. Charles.....	-----	6	13	52	897	838	1,458	188	13,358	
226 Webster Groves.....	3	11	35	164	2,524	2,361	4,337	183	44,117	
227 Other cities.....	9	38	104	575	10,309	9,801	17,841	-----	78,994	
MONTANA.....	17	39	157	622	11,445	11,112	19,950	-----	143,818	
228 Anaconda.....	-----	4	15	52	⁶ 829	⁶ 830	1,498	180	21,041	
230 Billings.....	2	10	38	191	3,460	3,318	6,159	180	24,781	
231 Great Falls.....	9	13	39	188	3,493	3,438	6,152	180	50,473	
232 Helena.....	-----	4	23	82	1,361	1,379	2,495	180	22,014	
Missoula:										
233 Elementary District.....	4	7	16	85	1,643	1,515	2,526	180	18,088	
234 High School District.....	2	1	26	24	659	632	1,120	184	7,421	
NEBRASKA.....	12	26	182	592	11,103	10,908	18,603	-----	97,895	
236 Beatrice.....	1	2	14	75	1,128	1,166	1,824	181	13,611	
237 Fremont.....	2	3	16	66	1,295	1,283	2,242	176	11,282	
238 Grand Island.....	1	7	31	123	2,085	2,040	3,626	180	20,877	
239 Hastings.....	3	8	28	99	1,846	1,763	3,197	180	12,732	
240 Norfolk.....	2	2	29	55	1,009	979	1,696	176	9,574	
241 Other cities.....	3	4	64	174	3,739	3,677	6,018	-----	29,819	
NEVADA.....	2	11	48	139	2,587	2,508	4,304	181	39,995	
242 Reno.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	
NEW HAMPSHIRE.....	6	31	182	536	9,377	8,769	16,234	-----	158,355	
243 Berlin.....	-----	2	19	40	655	498	1,059	180	10,172	
245 Claremont.....	4	1	16	51	961	848	1,638	178	8,841	
246 Concord.....	6	39	112	1,703	1,614	2,972	173	31,704		
247 Dover.....	-----	8	16	44	1,109	963	1,812	175	17,030	
248 Keene.....	1	1	30	69	1,384	1,345	2,451	176	21,656	
249 Laconia.....	1	2	24	60	982	925	1,757	180	16,103	
250 Other cities.....	-----	11	38	160	2,583	2,576	4,545	-----	52,849	
NEW JERSEY.....	89	241	1,289	4,293	69,818	67,121	119,382	-----	1,081,573	
252 Asbury Park.....	-----	6	33	88	1,553	1,529	2,624	183	23,970	
253 Bergenfield.....	-----	2	26	77	1,466	1,253	2,338	180	14,073	
254 Bridgeton.....	1	6	33	125	1,933	1,983	3,388	186	22,524	
255 Cliffside Park.....	-----	5	24	77	1,042	1,045	1,849	182	17,689	
256 Collingswood.....	-----	4	23	73	⁶ 1,170	⁶ 1,171	2,048	182	25,730	
257 Dover.....	-----	4	24	67	1,155	1,178	1,962	182	13,039	
258 Englewood.....	6	7	27	116	1,745	1,642	2,940	182	29,168	
259 Garfield.....	-----	9	23	137	⁶ 1,824	⁶ 1,825	3,288	184	26,017	
260 Gloucester City.....	1	2	20	54	971	989	1,632	180	13,553	
261 Hackensack.....	3	7	40	153	2,458	2,320	4,167	183	42,912	
262 Hillside.....	2	5	27	115	1,754	1,648	3,028	181	15,780	
263 Lodi.....	1	5	37	94	1,820	1,733	3,094	185	33,953	

See footnotes at end of Group III of this table.

for public-school systems, by State and by city: 1949-50—Continued

29,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only					School plant		Total ⁴ (in thou- sands)	
Salaries and wages				Other ³	Total	Operation		Mainte- nance
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
19,288	214,176	2,224,643	39,630	97,853	2,595,590	269,157	222,021	3,342,709
-----	25,845	199,782	3,133	15,488	244,248	38,211	40,037	347,210
-----	19,793	173,869	4,250	4,244	202,156	17,352	21,665	265,211
3,000	29,907	295,065	4,393	11,330	343,695	31,582	17,781	429,212
2,271	27,519	275,688	4,755	16,116	326,349	44,314	14,211	392,213
-----	17,170	202,773	2,476	7,713	230,132	23,242	16,637	291,214
-----	⁸ 15,400	179,695	2,172	7,373	204,640	21,980	21,737	265,215
14,017	78,542	897,771	18,451	35,589	1,044,370	92,476	89,953	1,350,216
123,691	391,025	4,752,591	94,056	391,644	5,753,007	867,399	325,064	7,815,217
6,944	19,985	309,078	2,519	20,126	358,652	33,706	27,440	462,218
14,960	46,133	419,502	17,185	42,890	540,670	107,378	18,533	762,219
7,735	23,423	309,250	7,356	25,635	373,399	57,272	25,696	540,220
3,518	14,258	157,823	1,421	14,558	191,578	23,651	7,760	258,221
9,850	42,612	460,854	5,618	49,563	568,497	95,833	29,361	784,222
23,377	32,026	351,755	2,929	25,954	436,041	80,743	14,399	600,223
4,000	10,362	188,488	2,689	16,717	222,256	33,071	11,950	320,224
-----	18,950	177,694	3,870	7,016	207,530	40,461	14,104	331,225
16,814	46,873	659,770	18,534	59,794	801,785	124,576	64,422	1,111,226
36,493	136,403	1,718,377	31,935	129,391	2,052,599	270,708	111,399	2,647,227
59,552	175,260	2,626,058	27,870	213,639	3,102,379	469,689	236,270	4,379,228
-----	17,200	210,887	2,700	13,617	244,404	50,701	9,991	360,229
10,280	60,740	768,506	11,669	49,222	900,417	117,512	49,111	1,179,230
28,257	46,900	775,134	13,501	53,393	917,185	134,809	67,700	1,261,231
-----	19,842	365,266	-----	31,017	416,125	82,992	55,348	649,232
12,515	24,078	331,162	-----	56,402	424,157	53,779	37,087	612,233
8,500	6,500	175,103	-----	9,988	200,091	29,896	18,033	318,234
46,816	94,874	1,998,099	20,386	172,238	2,332,413	319,099	141,292	2,966,235
3,418	7,653	231,407	2,452	23,951	268,881	43,261	8,727	342,236
8,485	10,823	234,878	3,128	13,064	270,378	41,346	5,754	334,237
3,902	25,512	404,027	3,935	40,902	478,278	55,712	41,502	613,238
9,353	26,058	353,938	1,687	31,255	422,291	46,496	51,706	540,239
8,793	7,463	178,723	2,919	14,203	212,101	39,509	5,824	272,240
12,865	17,365	595,126	6,265	48,863	680,484	92,775	27,779	865,241
15,800	51,372	665,109	12,385	88,120	832,786	116,075	75,024	1,142,242
24,245	121,766	2,153,530	26,916	167,019	2,493,476	369,601	109,224	3,653,243
-----	9,100	186,407	4,570	13,260	213,337	44,657	9,195	313,244
12,945	5,500	191,792	1,615	13,582	225,434	29,907	13,579	323,245
-----	28,667	462,742	6,311	29,611	527,331	71,401	26,291	731,246
-----	24,585	204,202	1,929	28,679	259,395	42,503	16,471	415,247
6,000	5,600	320,943	5,194	22,358	360,095	51,324	20,381	587,248
5,300	8,500	252,430	2,793	18,236	287,259	36,123	5,017	407,249
-----	39,814	535,014	4,504	41,293	620,625	93,686	18,290	877,250
438,135	1,150,243	18,558,202	488,505	1,399,118	22,034,203	3,391,934	2,103,223	30,379,251
-----	25,935	367,985	-----	19,524	413,444	68,625	43,001	590,252
-----	14,500	304,862	4,200	30,294	353,856	60,123	19,343	468,253
3,375	25,160	485,534	11,491	35,780	561,340	60,161	45,485	721,254
-----	22,750	308,011	12,582	21,251	364,594	64,041	26,668	494,255
-----	18,650	263,241	9,150	29,446	320,487	53,069	26,038	438,256
-----	18,072	304,719	7,796	24,878	355,465	54,327	32,387	480,257
25,669	35,450	526,271	18,180	43,218	648,788	103,914	55,855	868,258
-----	37,045	457,778	5,913	38,117	538,853	104,268	49,306	757,259
4,150	8,000	201,900	3,022	10,703	227,775	45,027	13,837	314,260
10,280	34,800	675,749	15,814	85,631	822,274	112,424	81,988	1,104,261
8,700	24,640	489,758	15,601	37,799	576,496	95,749	46,995	776,262
3,435	22,081	398,114	12,750	31,685	468,065	102,512	15,872	644,263

Table 3.—Personnel, attendance, and current expenditure data

Group III.—CITIES OF 10,000 TO

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Aver- age daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
NEW JERSEY—CON.										
264	Long Branch.....	1	8	29	104	1,819	1,731	3,014	182	22,469
265	Millburn.....	4	35	71	1,139	1,136	2,017	182	26,200	
266	Neptune (P. O. Ocean Grove).....	5	28	60	1,121	1,008	1,752	183	33,126	
267	Nutley.....	3	6	46	145	2,170	2,050	3,668	185	39,057
268	Phillipsburg.....	2	1	28	91	1,448	1,411	2,590	180	24,945
269	Rahway.....	2	4	31	92	1,499	1,370	2,534	181	21,944
270	Ridgefield Park.....	4	17	63	890	868	1,512	180	16,287	
271	Roselle.....	3	25	70	1,254	1,105	2,053	184	11,074	
272	South River.....	4	22	55	926	947	1,699	181	12,450	
273	Union.....	6	8	49	159	2,769	2,765	4,901	180	21,284
274	Weehawken ¹	2	4	17	58	873	881	1,523	183	29,560
275	Westfield.....	2	5	39	117	1,859	1,918	3,317	181	16,103
276	Woodbridge.....	3	12	43	183	2,840	2,697	4,855	181	38,311
277	Other cities.....	54	111	543	1,849	30,319	28,918	51,589	-----	490,355
NEW MEXICO.....										
278	Clovis.....	19	30	127	424	9,321	9,121	14,471	-----	99,266
279	Hobbs.....	7	6	26	101	1,854	1,749	3,047	180	14,250
280	Hobbs.....	1	7	32	87	2,054	1,973	2,976	180	28,997
281	Roswell.....	3	8	29	127	2,738	2,777	4,272	180	18,215
282	Santa Fe.....	8	9	40	109	2,675	2,622	4,176	180	37,804
NEW YORK.....										
283	Batavia.....	171	288	1,334	4,925	79,925	75,804	135,705	-----	1,311,901
284	Corning.....	3	9	26	105	1,530	1,403	2,634	180	35,141
285	District No. 9.....	1	4	17	41	680	663	1,187	181	16,243
286	District No. 13.....	2	2	20	56	1,005	972	1,704	185	14,772
287	Cortland.....	3	5	15	90	1,444	1,299	2,412	185	16,244
288	Endicott.....	10	8	37	183	2,671	2,480	4,695	180	30,348
289	Freeport.....	2	7	36	123	2,120	2,006	3,530	176	38,272
290	Garden City.....	5	3	37	76	1,152	1,148	1,995	176	30,061
291	Geneva.....	1	5	20	74	1,176	1,063	1,946	181	19,411
292	Glen Cove.....	14	3	7	64	1,135	1,078	1,908	180	29,663
293	Glens Falls.....	2	6	25	85	1,310	1,272	2,241	176	24,165
294	Hempstead.....	4	7	61	140	2,672	2,530	4,372	175	49,336
295	Hudson.....	1	3	18	69	995	993	1,744	178	12,096
296	Ithaca.....	7	9	45	131	2,164	2,036	3,651	191	40,346
297	Johnstown.....	3	2	12	64	951	913	1,664	181	13,179
298	Kingston.....	10	9	39	144	2,684	2,380	4,401	176	31,579
299	Lackawanna.....	8	12	45	133	2,084	1,958	3,708	179	42,875
300	Lockport.....	6	7	39	122	2,110	2,029	3,613	184	39,376
301	Mamaroneck.....	3	7	33	131	1,896	1,830	3,221	182	37,370
302	North Tonawanda.....	4	8	32	115	2,046	1,837	3,493	180	29,086
303	Ogdensburg ¹	1	3	21	63	1,048	935	1,729	184	14,485
304	Oneida.....	5	13	59	912	901	1,619	1,778	178	14,419
305	Peekskill.....	4	3	30	77	1,331	1,246	2,231	179	28,490
306	Pelham.....	5	21	80	1,029	968	1,717	1,717	178	25,978
307	Plattsburg.....	1	14	51	970	1,023	1,689	1,717	179	16,193
308	Rensselaer.....	5	3	61	814	835	1,436	1,992	15,014	
309	Saratoga Springs.....	8	6	9	82	1,160	1,181	2,059	177	18,318
310	Tonawanda.....	1	6	24	76	1,284	1,261	2,297	185	17,386
311	Valley Stream: Elementary District No. 13.....	-----	1	5	39	946	816	1,339	180	4,972
312	Valley Stream: Elementary District No. 24.....	-----	2	3	27	447	440	714	180	6,990
313	Valley Stream: Elementary District No. 30.....	-----	2	2	31	516	442	797	180	5,612
314	Valley Stream: High School Dis- trict No. 1.....	-----	2	44	43	981	893	1,606	170	16,537
315	Watervliet.....	2	6	-----	69	967	903	1,605	183	12,518
316	Other cities.....	63	127	581	2,221	35,695	34,070	60,748	-----	565,426

See footnotes at end of Group III of this table.

for public-school systems, by State and by city: 1949-50—Continued

29,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only					School plant		Total ⁴ (in thou- sands)	
Salaries and wages				Other ³	Total	Operation		Mainte- nance
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
4, 638	37, 409	473, 623	8, 120	30, 205	553, 995	79, 312	62, 898	763 264
-----	26, 200	414, 499	21, 866	31, 425	496, 990	78, 189	50, 781	693 265
-----	22, 104	278, 337	8, 740	24, 390	333, 571	52, 603	24, 270	515 266
13, 150	33, 500	689, 923	14, 639	39, 958	791, 170	101, 769	71, 571	1, 030 267
9, 024	5, 775	348, 328	3, 900	31, 951	398, 978	48, 280	39, 688	540 268
9, 700	18, 020	390, 476	9, 543	20, 843	448, 582	67, 865	22, 111	619 269
-----	17, 475	253, 050	7, 200	17, 572	295, 297	65, 723	31, 317	425 270
-----	12, 500	321, 176	10, 150	24, 877	368, 703	53, 479	27, 742	489 271
-----	17, 500	242, 223	4, 072	20, 391	284, 186	46, 305	24, 500	391 272
35, 550	43, 650	715, 132	28, 735	62, 062	885, 129	128, 532	78, 362	1, 161 273
8, 127	18, 350	254, 989	11, 674	20, 696	313, 836	66, 125	28, 310	458 274
11, 000	33, 150	601, 796	29, 593	46, 677	722, 516	102, 107	52, 520	927 275
13, 100	53, 100	692, 698	19, 840	50, 805	829, 543	124, 938	97, 565	1, 184 276
278, 237	524, 427	8, 098, 030	193, 634	565, 940	9, 660, 268	1, 451, 867	1, 034, 813	13, 530 277
70, 190	131, 740	1, 877, 064	11, 481	91, 745	2, 182, 220	172, 137	96, 051	2, 696 278
21, 440	25, 250	386, 013	-----	25, 525	458, 228	31, 842	27, 934	577 279
6, 000	36, 690	403, 917	2, 681	15, 202	464, 490	43, 595	22, 504	615 280
12, 150	35, 900	544, 101	4, 000	24, 160	620, 311	41, 463	13, 372	709 281
30, 600	33, 900	543, 033	4, 800	26, 858	639, 191	55, 237	32, 241	795 282
823, 932	1, 452, 070	22, 272, 440	535, 278	1, 651, 505	26, 735, 225	4, 097, 783	2, 171, 494	39, 924 283
11, 554	39, 798	448, 943	8, 608	26, 412	555, 315	79, 951	27, 017	791 284
4, 000	15, 750	181, 910	1, 441	9, 680	212, 781	32, 800	15, 361	307 285
-----	9, 800	218, 536	4, 104	11, 853	244, 293	29, 064	34, 835	360 286
10, 922	18, 008	325, 012	2, 587	24, 263	380, 792	64, 871	22, 931	557 287
50, 750	33, 600	709, 517	16, 253	65, 170	875, 290	120, 583	155, 106	1, 322 288
9, 100	38, 700	586, 942	23, 639	42, 674	701, 055	123, 844	41, 137	1, 096 289
25, 581	22, 000	529, 059	18, 733	46, 768	642, 141	81, 083	64, 528	943 290
3, 975	24, 283	300, 633	-----	32, 838	361, 729	65, 516	14, 164	527 291
70, 213	15, 407	269, 345	-----	16, 810	371, 775	62, 651	29, 308	576 292
8, 200	31, 400	376, 973	3, 950	27, 770	448, 293	80, 510	89, 832	718 293
35, 850	49, 256	869, 766	28, 125	80, 303	1, 063, 300	126, 857	74, 910	1, 499 294
4, 933	12, 323	271, 278	4, 767	25, 037	318, 338	41, 094	37, 076	452 295
35, 570	47, 730	542, 131	12, 517	68, 014	705, 962	106, 447	66, 624	1, 036 296
11, 815	11, 200	238, 169	4, 827	19, 924	285, 935	35, 838	30, 356	426 297
44, 687	36, 800	600, 303	10, 447	45, 774	738, 011	94, 718	60, 528	1, 057 298
50, 962	73, 612	609, 733	24, 222	48, 692	807, 221	216, 270	53, 220	1, 354 299
24, 144	33, 600	548, 880	9, 559	38, 334	654, 517	117, 906	40, 538	1, 010 300
16, 366	38, 504	731, 890	22, 010	48, 497	857, 267	122, 347	95, 465	1, 250 301
17, 450	39, 500	495, 273	9, 586	32, 247	594, 056	92, 417	63, 851	898 302
4, 000	12, 025	247, 660	2, 375	16, 466	282, 526	61, 900	8, 797	412 303
-----	23, 863	225, 003	4, 870	11, 464	265, 200	35, 965	36, 574	406 304
-----	17, 550	406, 625	10, 056	34, 887	487, 553	78, 510	47, 376	738 305
-----	26, 600	452, 577	6, 500	33, 761	519, 438	75, 884	29, 007	725 306
-----	5, 200	197, 781	1, 190	11, 801	215, 972	35, 679	30, 750	333 307
19, 250	13, 275	204, 625	-----	28, 327	265, 477	36, 233	20, 701	378 308
35, 212	26, 465	307, 104	6, 464	26, 473	401, 718	45, 179	26, 811	562 309
6, 946	27, 540	346, 899	950	9, 693	392, 028	69, 704	57, 701	614 310
-----	6, 800	153, 977	5, 484	11, 871	178, 132	18, 939	4, 239	399 311
-----	13, 000	120, 012	4, 200	7, 055	144, 267	20, 647	18, 464	214 312
-----	9, 000	111, 647	3, 224	6, 837	130, 708	13, 950	4, 602	263 313
-----	15, 400	410, 138	23, 874	37, 258	486, 670	38, 220	18, 587	656 314
10, 750	32, 350	228, 356	3, 222	14, 865	289, 543	51, 963	32, 838	422 315
293, 267	631, 731	10, 005, 743	257, 494	689, 687	11, 877, 922	1, 820, 243	818, 260	17, 623 316

Table 3.—Personnel, attendance, and current expenditure data

Group III.—CITIES OF 10,000 TO

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								CURRENT EXPENDITURES FOR:
	Super- visors (posi- tions)	Prin- cipsals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
317 NORTH CAROLINA.....	12	150	323	1,928	35,963	36,096	64,925	-----	251,954
318 Concord.....	-----	6	15	84	1,600	1,635	2,885	180	16,552
319 Fayetteville.....	1	9	21	123	2,561	2,549	4,546	180	18,994
320 Gastonia.....	-----	16	28	191	3,292	3,294	5,903	180	17,215
321 Kinston.....	-----	5	13	105	1,883	1,858	3,373	180	13,053
322 Rocky Mount.....	2	10	24	141	2,625	2,717	4,789	180	15,534
323 Salisbury.....	1	8	21	106	1,787	1,748	3,173	180	14,467
324 Shelby.....	-----	10	7	89	1,548	1,551	2,876	180	12,472
325 Statesville.....	1	6	14	85	1,512	1,539	2,715	180	14,755
326 Thomasville.....	1	5	12	71	1,284	1,316	2,363	180	11,872
327 Wilson.....	1	8	25	126	2,466	2,469	4,342	180	13,707
328 Other cities.....	5	67	143	807	15,405	15,420	27,960	-----	103,333
329 NORTH DAKOTA.....	6	9	89	251	4,870	4,637	8,824	-----	49,728
330 Bismarck.....	3	2	32	60	1,506	1,350	2,731	180	8,907
331 Grand Forks.....	3	5	39	88	1,764	1,681	3,030	180	7,404
332 Minot.....	-----	2	18	103	1,600	1,606	3,063	176	33,417
333 OHIO.....	56	165	1,040	2,893	54,734	52,730	98,127	-----	712,514
334 Alliance.....	4	10	31	144	2,549	2,536	4,625	179	22,223
335 Ashland.....	1	5	32	74	1,388	1,382	2,631	180	31,141
336 Ashtabula.....	4	32	94	1,569	1,609	2,893	5,177	177	22,040
337 Barberton.....	7	12	43	107	2,131	2,032	3,877	182	26,242
338 Cambridge.....	2	2	22	75	1,385	1,277	2,336	174	11,711
339 Campbell.....	1	7	46	44	1,189	1,183	1,843	178	22,902
340 Chillicothe.....	1	5	26	111	1,999	1,878	3,721	178	14,843
341 Coschocton.....	-----	5	9	59	944	978	1,775	175	11,345
342 Elyria.....	7	10	39	135	2,360	2,204	4,142	181	26,932
343 Findlay.....	8	3	54	77	1,889	1,756	3,431	175	20,406
344 Garfield Heights.....	4	5	23	63	1,164	1,129	2,134	175	23,009
345 Lancaster.....	3	7	27	115	2,342	2,096	4,064	175	20,007
346 Marietta.....	-----	1	29	69	1,529	1,500	2,773	175	17,411
347 Martins Ferry.....	3	1	20	67	1,080	1,128	2,069	173	21,480
348 New Philadelphia.....	-----	3	27	57	1,209	1,134	2,174	174	15,650
349 Painesville.....	1	2	25	65	1,062	1,110	2,032	180	11,890
350 Piqua.....	3	3	29	72	1,413	1,362	2,602	179	17,503
351 Salem.....	-----	3	23	83	1,246	1,292	2,157	180	19,569
352 Tiffin.....	-----	2	23	58	970	963	1,908	176	12,523
353 Wooster.....	-----	1	26	53	1,064	1,114	1,967	182	12,562
354 Xenia.....	-----	3	22	51	1,253	1,122	2,136	180	10,082
355 Other cities.....	11	71	432	1,220	22,999	21,945	40,837	-----	321,043
356 OKLAHOMA.....	38	136	404	1,654	32,661	30,777	53,109	-----	371,360
357 Ada.....	3	9	21	87	1,726	1,656	2,764	180	19,198
358 Enid.....	14	13	37	152	3,066	2,778	4,944	177	19,159
359 Lawton.....	2	13	41	159	3,200	2,961	5,470	180	27,637
360 McAlester.....	1	9	20	91	1,773	1,779	2,841	177	15,750
361 Okmulgee.....	1	5	24	84	1,733	1,631	2,837	176	13,499
362 Stillwater.....	-----	6	25	70	1,415	1,384	2,329	180	19,924
363 Other cities.....	17	81	236	1,011	19,748	18,588	31,924	-----	256,193
364 OREGON.....	18	40	192	560	9,512	9,169	16,650	-----	144,631
365 Astoria.....	3	5	16	66	854	854	1,615	180	16,249
366 Bend.....	-----	5	35	79	1,303	1,247	2,267	181	15,019
367 Eugene.....	4	17	57	192	3,443	3,240	6,008	185	57,611
368 Klamath Falls.....	7	8	47	117	1,820	1,779	3,348	179	26,412
369 Medford.....	4	5	37	106	2,092	2,049	3,412	176	29,340
370 PENNSYLVANIA.....	123	321	2,292	6,120	103,639	100,335	188,626	-----	2,031,543
371 Aliquippa.....	2	6	12	148	2,322	2,324	4,143	180	47,482
372 Arnold.....	1	3	19	44	748	743	1,402	180	16,614
373 Bellevue.....	-----	2	13	36	570	508	989	180	34,042

See footnotes at end of Group III of this table.

for public-school systems, by State and by city: 1949-50—Continued

29,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only					School plant		Total ⁴ (in thou- sands)	
Salaries and wages				Other ³	Total	Operation		Mainte- nance
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
44, 691	606, 723	6, 092, 834	44, 462	251, 691	7, 040, 401	518, 766	350, 972	8, 817 317
-----	25, 090	265, 352	1, 000	8, 293	299, 735	14, 362	2, 096	339 318
3, 800	39, 586	407, 023	2, 070	1, 736	454, 215	32, 581	12, 113	541 319
-----	60, 524	536, 250	2, 500	28, 273	627, 547	41, 552	32, 285	762 320
-----	24, 209	316, 799	1, 787	8, 081	350, 876	34, 014	25, 422	531 321
9, 564	41, 828	487, 469	3, 000	10, 256	552, 117	44, 658	19, 337	649 322
3, 800	34, 245	352, 539	10, 330	8, 170	409, 084	30, 437	19, 908	497 323
-----	42, 007	280, 267	1, 416	14, 144	337, 834	20, 948	20, 205	412 324
3, 850	31, 323	276, 064	1, 250	8, 087	320, 574	20, 275	20, 050	505 325
2, 916	21, 128	155, 496	-----	6, 876	186, 416	19, 264	5, 582	258 326
4, 721	34, 090	413, 180	4, 830	25, 594	482, 415	36, 357	20, 548	598 327
16, 040	252, 693	2, 602, 395	16, 279	132, 181	3, 019, 588	224, 318	173, 426	3, 725 328
23, 986	42, 000	935, 100	8, 690	63, 392	1, 073, 168	218, 546	49, 885	1, 435 329
11, 986	9, 500	212, 018	8, 690	24, 834	267, 028	44, 465	19, 360	341 330
12, 000	22, 500	386, 071	-----	27, 471	448, 042	92, 695	11, 580	597 331
-----	10, 000	337, 011	-----	11, 087	358, 098	81, 386	18, 945	497 332
226, 674	684, 211	11, 928, 554	191, 703	846, 284	13, 877, 426	2, 446, 901	1, 117, 141	19, 659 333
13, 825	41, 595	485, 079	7, 445	37, 188	585, 132	102, 693	45, 678	786 334
3, 688	21, 588	320, 969	3, 300	23, 255	372, 800	59, 757	17, 263	602 335
-----	16, 500	377, 846	5, 960	21, 601	421, 907	83, 900	32, 158	588 336
31, 425	49, 135	469, 559	11, 793	44, 100	606, 012	84, 247	42, 739	830 337
7, 600	7, 650	252, 955	-----	17, 754	285, 959	51, 733	14, 146	382 338
4, 638	29, 087	256, 845	1, 593	23, 444	315, 007	65, 539	20, 148	444 339
2, 936	24, 232	380, 874	4, 642	20, 363	433, 047	68, 545	13, 554	574 340
-----	22, 750	151, 395	1, 950	12, 979	189, 074	38, 642	54, 505	302 341
30, 750	40, 983	460, 052	5, 952	49, 879	587, 616	112, 747	30, 663	825 342
33, 021	12, 700	418, 064	3, 570	30, 343	497, 698	78, 124	31, 721	641 343
17, 000	22, 670	283, 399	12, 073	25, 620	360, 762	67, 600	17, 273	525 344
10, 807	26, 589	409, 696	4, 436	20, 028	471, 556	72, 235	37, 257	711 345
-----	4, 767	275, 955	4, 925	18, 002	303, 649	55, 274	14, 791	405 346
-----	3, 525	213, 150	1, 880	11, 524	240, 507	34, 739	13, 845	324 347
-----	11, 310	236, 769	2, 109	13, 570	263, 758	38, 643	22, 839	363 348
3, 733	8, 950	265, 952	5, 164	17, 315	301, 114	55, 844	24, 500	415 349
8, 950	11, 029	279, 800	1, 904	25, 736	327, 419	50, 120	41, 995	461 350
-----	11, 400	337, 964	1, 540	16, 905	367, 809	75, 064	8, 913	492 351
-----	8, 500	188, 663	-----	14, 300	211, 463	41, 285	42, 057	317 352
-----	4, 693	267, 873	2, 875	7, 076	282, 517	50, 797	10, 505	380 353
-----	11, 230	218, 107	-----	16, 880	246, 217	47, 112	25, 903	344 354
47, 873	293, 328	5, 377, 588	108, 592	378, 422	6, 205, 803	1, 112, 261	554, 688	8, 948 355
151, 476	495, 452	5, 556, 184	41, 051	171, 832	6, 415, 995	792, 032	416, 033	8, 329 356
9, 536	28, 342	227, 820	3, 630	5, 716	275, 044	26, 622	9, 055	342 357
54, 476	50, 396	518, 645	18, 300	12, 200	654, 017	103, 002	44, 621	835 358
6, 920	44, 394	522, 287	3, 028	28, 413	605, 042	61, 278	41, 088	770 359
3, 600	30, 520	287, 045	2, 760	9, 155	333, 080	32, 881	15, 969	412 360
7, 400	25, 060	286, 526	-----	21, 180	340, 166	47, 285	14, 903	459 361
-----	18, 250	251, 383	2, 700	-----	272, 333	39, 444	20, 791	361 362
69, 544	298, 490	3, 462, 478	10, 633	95, 168	3, 936, 313	481, 520	269, 606	5, 150 363
84, 028	180, 846	2, 752, 832	38, 071	226, 723	3, 282, 500	395, 670	204, 935	4, 422 364
12, 000	22, 220	270, 342	4, 868	24, 907	334, 337	33, 559	27, 163	435 365
-----	21, 059	395, 074	4, 673	10, 839	431, 645	51, 746	9, 758	569 366
18, 872	86, 918	967, 801	21, 520	81, 853	1, 176, 964	125, 089	75, 363	1, 612 367
34, 197	29, 367	629, 381	1, 552	55, 322	749, 819	119, 038	49, 421	1, 011 368
18, 959	21, 282	490, 234	5, 458	53, 802	589, 735	66, 238	43, 230	795 369
483, 154	1, 403, 860	25, 355, 573	380, 837	1, 997, 465	29, 620, 889	5, 148, 252	2, 635, 898	42, 644 370
8, 633	31, 240	571, 978	14, 991	34, 874	661, 716	121, 478	62, 468	1, 000 371
3, 766	12, 654	200, 627	2, 250	16, 962	236, 259	29, 433	15, 189	322 372
-----	8, 200	153, 987	4, 837	11, 616	178, 640	30, 958	29, 016	293 373

Table 3.—Personnel, attendance, and current expenditure data

Group III.—CITIES OF

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								CURRENT EXPENDITURES FOR:
City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Aver- age daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)	
			Men	Women	Boys	Girls				
1	2	3	4	5	6	7	8	9	10	
PENNSYLVANIA—Con.										
374 Bradford.....	3	2	41	103	* 1,936	* 1,936	3,473	180	34,332	
375 Bristol.....	1	1	19	49	821	772	1,439	181	17,479	
376 Canonsburg.....	2	4	13	69	1,100	1,089	2,062	180	8,000	
377 Carlisle.....	4	2	32	72	1,425	1,426	2,767	185	28,330	
378 Chambersburg.....	1	1	37	80	* 1,528	* 1,529	2,978	180	20,418	
379 Charleroi.....	2	6	29	71	1,087	1,032	2,007	180	24,739	
380 Cheltenham (P. O. El- kins Park).....	2	9	36	110	1,377	1,365	2,513	184	23,280	
381 Coatesville.....	1	7	* 53	* 104	1,715	1,725	3,185	182	24,097	
382 Columbia.....	1	1	14	48	912	836	1,714	183	15,022	
383 Connellsville.....	2	3	28	75	1,277	1,280	2,176	180	14,756	
384 Conshohocken.....	2	2	15	41	669	635	1,211	183	9,242	
385 Darby.....	4	15	47	777	725	1,427	184	23,929		
386 Dormont.....	3	16	50	809	797	1,524	180	24,139		
387 Du Bois.....	2	4	19	52	854	782	1,531	180	20,482	
388 Dunmore.....	1	9	26	86	1,484	1,515	2,844	185	29,024	
389 Elwood City.....	2	2	28	77	1,444	1,408	2,668	180	18,676	
390 Greensburg.....	8	5	31	96	1,645	1,635	3,054	180	22,622	
391 Hanover Township.....	2	2	69	80	1,391	1,293	2,285	183	36,208	
392 Indiana.....	2	3	26	48	* 907	* 909	1,543	180	12,460	
393 Jeannette.....	2	1	25	67	1,207	1,156	2,210	180	16,859	
394 Kingston.....	3	1	31	106	1,580	1,457	2,801	184	30,198	
395 Lansdowne.....	1	4	22	58	889	845	1,584	181	23,593	
396 Latrobe.....	3	3	25	65	955	927	1,789	180	20,533	
397 Lebanon.....	1	3	50	110	2,220	* 2,201	4,010	182	20,460	
398 Lock Haven.....	2	2	32	51	1,150	1,151	2,034	182	16,333	
399 Mahanoy City.....	1	3	9	49	607	574	1,082	180	26,517	
400 McKees Rocks.....	4	18	52	862	868	1,533	183	24,463		
401 Monessen.....	6	24	97	* 1,301	* 1,300	2,473	180	24,647		
402 Mount Carmel.....	1	2	21	59	805	723	1,416	180	10,864	
403 Mt. Lebanon.....	3	6	44	153	2,124	2,091	3,875	180	58,817	
404 Muhlenberg.....	1	21	53	930	913	1,719	180	10,758		
405 Munhall.....	5	24	72	1,220	1,187	2,258	180	30,450		
406 Oil City.....	4	5	37	86	1,485	1,529	2,792	180	24,762	
407 Old Forge.....	3	7	25	39	929	833	1,605	180	12,338	
408 Phoenixville.....	2	5	20	48	873	772	1,533	182	16,835	
409 Pottstown.....	5	4	41	95	1,750	1,732	3,232	183	34,416	
410 Shamokin.....	1	1	38	67	1,354	1,187	2,496	180	25,688	
411 Shenandoah.....	2	2	10	51	675	686	1,292	183	26,491	
412 Steelton.....	2	2	24	54	825	843	1,651	182	19,370	
413 Tamaqua.....	2	2	19	43	964	952	1,797	186	14,637	
414 Uniontown.....	2	3	37	90	1,578	1,511	2,922	180	39,719	
415 Vandergrift.....	1	13	60	864	828	1,625	180	16,954		
416 Warren.....	2	36	69	1,463	1,404	2,692	180	26,129		
417 Washington.....	3	7	18	116	2,103	2,059	3,724	180	19,970	
418 Waynesboro.....	3	3	19	46	824	810	1,534	180	9,010	
419 West Chester.....	5	27	82	1,230	1,217	2,189	187	32,520		
420 Wilksburg.....	7	38	121	2,188	2,114	3,852	180	47,528		
421 Other cities.....	56	143	953	2,475	41,906	40,201	75,971	-----	845,311	
RHODE ISLAND.....										
422 Bristol.....	22	38	176	571	10,467	9,762	18,097	-----	102,246	
423 Central Falls.....	4	4	15	50	895	901	1,630	180	10,549	
424 Cumberland Falls.....	3	6	16	53	917	720	1,381	180	11,026	
425 Cumberland (P. O. Valley Falls).....	1	8	52	818	793	1,416	180	8,148		
426 Warwick (P. O. Apponaug).....	4	4	62	187	3,543	3,324	6,244	180	14,702	
427 Westerly.....	2	2	25	53	1,022	922	1,706	183	12,621	
428 West Warwick.....	7	12	51	950	869	1,603	183	7,637		
429 Other cities.....	9	14	38	125	2,322	2,233	4,117	-----	37,563	

See footnotes at end of Group III of this table.

for public-school systems, by State and by city: 1949-50—Continued

10,000 TO 29,999 POPULATION

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only						School plant		Total * (in thou- sands)
Salaries and wages				Other ‡	Total	Operation	Mainte- nance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
17,765	10,600	444,152	9,178	43,606	525,301	95,292	14,582	735 374
-----	5,206	201,834	1,820	8,710	217,570	37,667	22,149	310 375
6,000	15,500	243,000	3,200	21,400	289,100	31,000	21,000	395 376
13,496	8,701	229,360	1,700	29,599	282,856	43,974	17,638	422 377
3,600	4,600	331,031	4,845	27,874	371,950	46,626	17,541	477 378
7,258	21,566	304,202	2,999	23,583	359,608	46,331	10,712	483 379
12,314	45,935	516,552	9,393	13,316	597,510	243,232	38,816	988 380
3,700	23,830	404,319	9,111	33,000	473,960	66,092	95,878	712 381
-----	4,000	175,293	-----	11,000	190,293	23,391	8,101	257 382
8,324	14,892	289,593	7,800	6,515	327,124	51,595	24,031	463 383
-----	7,733	151,792	1,467	4,062	165,054	24,527	10,977	247 384
-----	16,490	174,320	6,102	15,521	212,433	37,238	23,051	321 385
-----	13,233	216,263	7,159	14,597	251,252	45,266	25,005	376 386
8,858	15,850	214,969	3,185	14,628	257,490	33,826	17,814	365 387
3,050	33,300	298,467	2,300	18,687	355,804	80,594	34,712	544 388
-----	10,793	318,036	4,279	22,750	355,858	40,733	19,026	480 389
26,574	21,996	396,065	5,104	36,089	485,828	83,507	33,055	686 390
-----	6,910	421,866	2,690	49,219	480,685	101,715	95,564	760 391
10,045	12,380	232,475	5,646	16,129	276,675	39,274	15,693	368 392
8,553	4,816	279,417	3,880	31,203	327,869	46,152	32,814	457 393
10,983	4,588	393,097	1,380	26,555	436,603	85,526	47,865	645 394
4,316	14,181	250,529	6,353	34,805	310,184	55,957	25,228	448 395
-----	13,262	239,548	2,028	19,219	274,057	35,928	104,793	475 396
3,166	13,057	457,583	7,956	39,038	520,800	92,899	27,953	711 397
-----	8,033	231,075	3,068	26,970	269,146	31,439	9,722	349 398
2,966	12,673	155,370	1,439	3,156	175,604	26,997	19,377	263 399
-----	13,967	208,837	-----	14,090	236,894	41,326	21,775	346 400
-----	30,291	398,886	5,000	32,795	466,972	95,837	53,150	698 401
2,441	8,329	187,788	3,239	6,521	208,318	16,611	9,409	245 402
13,392	34,300	669,657	19,022	43,610	779,981	126,771	61,333	1,117 403
-----	3,600	184,236	1,700	14,318	203,854	27,438	25,180	278 404
-----	23,461	328,755	10,232	23,456	385,904	75,872	18,528	567 405
15,694	21,981	347,072	1,716	32,902	419,365	69,089	30,549	575 406
9,000	21,000	152,981	-----	9,991	192,972	29,305	4,570	255 407
7,342	18,627	195,052	3,526	14,404	238,951	33,282	13,640	331 408
16,677	22,394	442,646	5,787	30,097	517,601	60,460	68,757	743 409
4,200	5,116	305,239	1,584	21,598	337,737	47,643	29,702	472 410
-----	8,865	178,876	1,323	8,798	197,862	36,694	11,106	309 411
-----	9,000	242,494	1,255	18,197	270,946	45,132	19,897	388 412
8,165	8,110	175,669	1,900	14,591	208,435	38,955	24,542	307 413
9,814	14,600	404,388	9,137	60,483	498,422	105,165	57,850	750 414
-----	4,118	193,422	1,359	13,796	212,695	30,339	19,633	364 415
-----	9,792	346,606	3,345	20,432	380,175	48,397	11,542	547 416
11,509	26,983	375,827	6,894	28,667	449,880	78,644	13,260	608 417
-----	11,625	186,640	2,727	14,371	215,363	27,806	11,372	284 418
-----	16,040	286,776	4,853	40,485	348,154	66,149	27,049	522 419
-----	33,434	546,082	6,047	37,570	623,133	145,007	106,875	981 420
221,553	642,008	10,500,844	154,031	841,610	12,360,046	2,173,683	1,076,409	17,605 421
70,860	147,648	1,773,571	14,291	111,901	2,118,271	436,238	137,887	3,085 422
13,283	16,598	197,909	198	18,781	246,769	37,453	10,319	317 423
9,981	24,949	195,784	3,672	11,182	245,568	46,582	3,507	317 424
-----	3,750	168,818	-----	7,416	179,984	32,196	9,351	251 425
11,529	11,829	376,038	4,990	20,582	424,968	151,906	44,616	673 426
8,689	8,717	209,393	3,778	14,550	245,127	41,498	8,880	357 427
-----	30,548	203,128	-----	10,423	244,099	42,536	10,675	325 428
27,378	51,257	422,501	1,653	28,967	531,756	84,067	50,539	845 429

Table 3.—Personnel, attendance, and current expenditure data

Group III.—CITIES OF

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								CURRENT EXPENDITURES FOR:
	City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attendance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
430	SOUTH CAROLINA	1	45	131	997	16,917	17,468	29,949		170,435
431	Anderson		11	37	211	3,584	3,834	6,570	180	50,604
432	Florence		6	16	164	2,760	2,871	4,844	180	13,071
433	Greenwood		7	19	183	2,223	2,409	4,144	150	21,353
434	Orangeburg	1	7	17	103	2,096	2,167	3,606	180	21,488
435	Rock Hill		9	12	143	2,865	2,797	4,801	180	47,154
436	Sumter		5	30	193	3,359	3,390	5,984	180	16,765
437	SOUTH DAKOTA	14	23	117	411	6,943	7,073	12,576		89,538
438	Aberdeen	6	2	32	90	1,562	1,600	3,149	180	17,040
439	Huron	1	4	15	58	1,108	1,201	1,980	182	19,892
440	Mitchell	3	6	16	80	893	873	1,672	185	18,584
441	Rapid City	4	9	30	115	2,186	2,196	3,655	176	19,264
442	Watertown		2	24	68	1,194	1,203	2,120	180	14,758
443	TENNESSEE	7	47	171	753	12,767	12,734	22,519		92,417
444	Bristol	3	9	21	100	1,760	1,624	2,945	179	12,405
445	Clarksville		2	25	94	1,823	1,886	3,118	176	14,249
446	Cleveland	2	6	5	83	1,157	1,212	1,929	176	10,820
447	Dyersburg		2	8	69	1,213	1,291	2,245	180	9,064
448	Jackson		9	29	143	2,451	2,405	4,453	180	14,125
449	Johnson City	2	13	39	140	2,393	2,270	4,273	180	17,614
450	Kingsport		6	44	124	1,970	2,046	3,556	178	14,140
451	TEXAS	47	210	775	3,525	59,797	57,931	102,147		769,200
452	Abilene	3	13	38	185	3,451	3,101	5,987	173	30,718
453	Cleburne	1	3	21	82	1,367	1,374	2,474	175	14,534
454	Corsicana	1	6	20	102	1,774	1,756	3,089	172	26,081
455	Greenville	2	9	21	83	1,510	1,480	2,691	175	20,067
456	Harlingen	2	10	28	145	2,903	2,655	4,562	175	27,091
457	Highland Park	1	8	39	170	2,188	2,209	4,091	173	42,801
458	Longview	2	12	39	135	2,260	2,223	3,960	177	33,676
459	McAllen	2	8	20	124	2,299	2,085	3,535	175	30,445
460	Marshall	2	11	25	190	2,679	2,673	4,794	177	16,246
461	Palestine	1	4	25	66	1,319	1,351	2,286	175	18,755
462	San Angelo	3	11	46	200	2,911	2,924	4,993	176	29,573
463	Sweetwater	2	6	23	74	1,434	1,352	2,351	175	19,950
464	Terrell	1	5	6	57	1,080	1,081	1,779	172	14,756
465	Texarkana	3	10	30	135	2,307	2,329	3,935	176	19,724
466	Tyler	4	11	37	212	3,290	3,306	5,543	174	35,732
467	Other cities	17	83	357	1,565	27,025	26,032	46,107		389,051
468	UTAH	5	17	106	168	4,296	4,302	7,946		43,307
469	Logan	3	7	35	59	1,540	1,509	2,794	175	15,838
470	Provo	2	10	71	109	2,756	2,793	5,152	175	27,469
471	VERMONT	11	15	89	328	5,670	5,554	9,473		70,879
472	Barre ¹		1	14	58	1,024	1,033	1,887	179	11,766
473	Brattleboro	6	4	18	53	854	891	1,534	178	17,262
474	Burlington	5	4	24	91	1,734	1,735	2,665	179	13,323
475	Montpelier		2	9	36	660	578	1,131	175	11,186
476	Rutland		2	19	64	978	921	1,592	171	13,745
477	Winooski		2	5	26	420	396	664	177	3,597
478	VIRGINIA	10	29	80	485	7,491	7,617	13,820		65,813
479	Charlottesville	4	6	19	107	1,846	1,823	3,350	180	13,165
480	Fredericksburg	1	4	12	61	905	919	1,645	180	13,657
481	Martinsville	2	5	19	118	1,672	1,725	3,114	180	13,878
482	Staunton	2	3	7	58	889	972	1,713	180	8,058
483	Suffolk	1	6	10	69	1,009	1,009	1,857	180	6,999
484	Winchester		5	13	72	1,170	1,169	2,111	180	10,056

See footnotes at end of Group III of this table.

for public-school systems, by State and by city: 1949-50—Continued

10,000 TO 29,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only					School plant		Total ⁴ (in thou- sands)	
Salaries and wages				Other ³	Total	Operation		Mainte- nance
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
4,300	164,939	2,391,358	20,893	103,912	2,685,402	220,946	211,327	3,841 430
-----	36,150	400,000	-----	6,893	443,043	46,556	13,609	585 431
-----	25,050	454,448	6,156	18,390	504,044	29,148	15,842	688 432
-----	21,334	352,324	4,537	4,611	382,806	23,774	61,582	530 433
4,300	24,537	309,254	5,412	20,663	364,166	25,250	32,640	553 434
-----	35,803	352,656	-----	36,095	424,554	52,427	71,973	670 435
-----	22,065	522,676	4,788	17,260	566,789	43,791	15,681	815 436
-----	-----	-----	-----	-----	-----	-----	-----	-----
51,582	82,835	1,379,592	20,257	120,416	1,654,682	334,257	88,091	2,264 437
25,757	8,979	329,354	7,500	37,869	409,459	97,323	36,245	603 438
3,250	14,000	212,463	2,474	13,108	245,295	54,585	5,834	331 439
11,250	22,092	220,255	2,670	15,477	271,744	55,484	9,841	370 440
11,325	27,416	378,780	4,655	36,301	458,477	68,064	25,593	593 441
-----	10,348	238,740	2,958	17,661	269,707	58,801	10,578	367 442
-----	-----	-----	-----	-----	-----	-----	-----	-----
28,523	181,479	2,283,790	20,657	82,673	2,597,122	247,202	67,459	3,263 443
10,000	40,000	350,292	1,600	9,100	410,992	53,295	3,375	490 444
-----	8,888	301,425	2,624	14,583	327,520	43,313	9,641	426 445
8,734	22,000	136,999	2,840	4,649	175,222	19,251	6,218	222 446
-----	4,990	165,787	-----	7,954	178,731	24,889	7,665	224 447
-----	30,435	371,777	4,437	13,111	419,760	32,151	3,774	493 448
9,789	47,500	443,216	4,230	17,227	521,962	42,313	21,566	670 449
-----	27,666	514,294	4,926	16,049	562,935	31,990	15,220	738 450
-----	-----	-----	-----	-----	-----	-----	-----	-----
191,515	936,008	13,033,489	158,426	490,239	14,809,677	1,198,890	656,362	18,251 451
13,954	62,509	826,405	10,731	42,866	956,465	62,900	53,271	1,117 452
4,360	12,669	315,813	2,000	12,515	347,357	20,021	8,558	403 453
3,690	26,330	365,180	3,370	8,241	406,811	31,822	9,852	509 454
7,380	36,008	322,130	1,361	9,600	376,479	15,285	5,212	443 455
7,940	31,328	473,140	1,150	16,421	529,979	41,632	21,691	660 456
4,150	42,392	759,886	20,212	44,570	871,210	81,811	35,622	1,045 457
8,660	48,909	513,324	-----	14,541	585,434	63,783	17,583	737 458
7,480	28,510	427,211	2,400	10,500	476,101	34,994	22,180	592 459
6,000	33,281	528,826	5,820	14,112	588,039	38,689	15,643	681 460
3,640	13,620	286,989	2,280	21,685	328,214	19,002	15,271	391 461
11,161	50,217	764,254	10,075	33,411	869,118	83,228	18,410	1,018 462
7,090	24,640	270,832	1,000	-----	303,562	21,812	8,456	378 463
4,780	19,904	193,301	1,200	8,000	227,185	13,650	3,200	269 464
9,893	47,356	464,890	11,586	7,028	540,753	36,695	15,507	700 465
18,005	49,033	731,129	21,491	30,534	850,192	67,135	31,598	1,024 466
73,332	409,302	5,790,179	63,750	216,215	6,552,778	566,431	374,303	8,284 467
-----	-----	-----	-----	-----	-----	-----	-----	-----
20,120	69,288	827,014	18,543	104,478	1,039,443	103,922	65,450	1,410 468
11,920	24,388	276,912	4,079	38,544	355,843	39,390	25,623	479 469
8,200	44,900	550,102	14,464	65,934	683,600	64,532	39,827	931 470
-----	-----	-----	-----	-----	-----	-----	-----	-----
39,920	66,079	1,091,933	24,078	87,649	1,309,659	214,506	111,418	1,803 471
-----	3,600	128,296	1,551	13,073	146,520	30,073	14,200	203 472
24,109	17,868	176,318	6,391	17,366	242,052	34,368	11,853	339 473
15,811	15,940	344,998	8,550	22,061	407,360	65,073	37,574	543 474
-----	10,148	142,286	3,855	9,040	165,329	23,329	5,778	219 475
-----	11,250	232,638	3,731	22,871	270,490	46,596	39,348	397 476
-----	7,273	67,397	-----	3,238	77,908	15,067	2,665	102 477
-----	-----	-----	-----	-----	-----	-----	-----	-----
35,737	108,193	1,379,146	30,282	76,073	1,629,431	158,004	88,077	2,070 478
14,970	22,870	338,519	6,946	18,330	401,635	27,349	11,153	476 479
3,850	11,439	172,588	1,662	10,159	199,698	17,106	26,455	260 480
7,200	22,400	346,580	10,871	18,257	405,308	50,883	12,788	497 481
6,967	11,792	158,664	5,591	6,231	189,245	17,331	18,589	306 482
2,750	17,936	171,572	1,000	9,241	202,499	21,843	8,945	248 483
-----	21,756	191,223	4,212	13,855	231,046	23,492	10,147	283 484

Table 3.—Personnel, attendance, and current expenditure data

Group III.—CITIES OF

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	Super- visors (posi- tions)	Prin- cips (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
485 WASHINGTON.....	36	98	575	1,414	31,576	29,312	49,050	-----	302,660
486 Aberdeen.....	3	7	51	95	2,310	2,115	3,576	173	22,424
487 Bellingham.....	-----	10	53	159	3,277	3,228	5,460	172	26,921
488 Bremerton.....	6	17	77	241	4,591	3,994	6,858	175	52,278
489 Hoquiam.....	2	6	23	59	1,220	1,148	1,846	180	17,500
490 Longview.....	3	9	51	109	2,959	2,684	4,802	172	35,939
491 Olympia.....	2	7	47	89	2,157	2,160	3,649	174	20,387
492 Vancouver.....	11	15	111	258	5,808	5,197	8,732	180	57,631
493 Walla Walla.....	3	8	30	92	1,924	1,880	3,244	180	25,555
494 Wenatchee.....	1	7	39	116	2,407	2,220	3,552	180	17,809
495 Yakima.....	5	12	93	196	4,923	4,686	7,331	180	26,216
496 WISCONSIN.....	53	90	708	1,747	30,749	30,091	56,259	-----	419,728
497 Appleton.....	6	4	56	129	² 2,488	² 2,488	4,563	174	28,400
498 Beaver Dam.....	1	1	21	46	803	786	1,428	178	8,309
499 Beloit.....	2	14	80	151	2,935	2,926	5,318	190	36,622
500 Cudahy.....	3	2	19	47	799	782	1,352	185	15,096
501 Janesville.....	6	8	41	116	1,949	1,973	3,452	184	15,432
502 Manitowoc.....	1	5	48	111	2,009	1,845	3,642	184	35,188
503 Marinette.....	2	1	23	54	1,076	1,050	1,939	179	11,214
504 Marshfield.....	1	2	21	43	736	729	1,354	175	11,858
505 Manasha.....	1	1	16	39	729	665	1,221	185	11,293
506 Two Rivers.....	-----	1	19	32	526	532	1,029	183	14,592
507 Watertown.....	2	1	13	43	809	833	1,390	180	7,422
508 Waukesha.....	3	3	46	109	¹ 1,919	¹ 1,920	3,374	188	23,312
509 Wausau.....	3	11	35	138	2,451	2,445	4,636	180	32,525
510 Wauwatosa.....	3	9	55	145	² 2,609	² 2,609	4,691	183	45,039
511 Wisconsin Rapids.....	1	1	25	61	¹ 1,053	¹ 1,050	2,641	176	13,338
512 Other cities.....	18	26	190	483	7,859	7,458	14,229	-----	110,088
513 WYOMING.....	9	37	107	477	9,033	8,442	14,643	-----	110,069
514 Casper.....	-----	15	23	182	2,941	2,645	4,602	181	45,617
515 Cheyenne.....	2	10	45	167	3,459	3,245	5,609	174	33,132
516 Laramie.....	1	5	25	58	1,283	1,234	2,112	174	14,938
517 Sheridan.....	6	7	14	70	1,350	1,318	2,320	171	16,382

¹ Includes persons rendering instructional services supplementary to regular classroom instruction in libraries, study halls, guidance, health, psychological work, etc., provided half or more than half of their employment time is given to such instructional work.

² The actual number of days in the school year that children were taught.

³ Includes instructional supplies; textbooks free to all pupils; school library books; and other expense, including salaries of full-time librarians. The expenditure for textbooks which are furnished gratis to indigent pupils, only, is classified as an Auxiliary services item, and reported accordingly.

⁴ Includes amounts shown in columns 10, 11, 12, 13, 14, 15, 17, 18, plus amounts not tabulated but reported by city school systems as expenditures for the following current accounts: Auxiliary school services; fixed

for public-school systems, by State and by city: 1949-50—Continued

10,000 TO 29,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only					School plant		Total ⁴ (in thou- sands)	
Salaries and wages				Other ³	Total	Operation		Main- tenance
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
181,402	472,205	6,849,992	217,208	617,360	8,338,167	1,262,077	701,132	11,614
16,709	34,710	484,009	15,618	47,483	598,529	70,884	57,082	810
-----	56,060	718,228	14,841	39,874	829,003	149,702	70,182	1,153
42,844	82,843	1,079,817	43,096	112,667	1,361,267	203,134	140,701	1,888
10,760	25,780	262,896	3,800	13,100	316,336	40,800	37,000	478
15,413	44,186	622,619	22,136	51,579	755,933	102,183	30,094	1,041
10,030	32,955	490,410	11,980	29,899	575,274	80,465	54,792	772
46,089	69,962	1,250,540	64,649	160,146	1,591,386	271,551	141,559	2,303
12,360	34,000	410,804	3,284	45,357	505,805	80,459	51,916	743
3,475	31,400	523,332	15,057	34,986	608,250	83,670	56,261	814
23,722	60,309	1,007,337	22,747	82,269	1,196,384	179,229	61,545	1,612
249,360	426,639	8,080,279	184,858	500,578	9,441,714	1,669,871	660,185	12,783
32,329	24,762	627,422	13,908	40,771	739,192	148,879	34,928	993
3,919	4,500	199,800	2,708	17,510	228,437	38,789	21,035	312
8,690	69,029	811,497	24,997	19,257	933,470	118,433	42,116	1,240
13,143	9,677	218,371	4,173	16,524	261,888	50,918	20,127	360
24,647	30,857	501,092	8,600	30,372	595,568	93,835	30,955	752
5,258	25,043	554,350	12,432	54,091	651,174	123,503	73,796	916
8,400	5,575	230,465	3,563	15,536	263,539	41,817	16,857	342
3,260	6,966	196,808	5,075	25,813	237,922	55,789	19,730	354
3,633	4,633	180,007	2,550	10,544	201,367	44,703	9,728	276
-----	4,900	167,190	3,759	14,026	189,875	35,508	13,398	268
8,570	3,913	155,562	2,836	10,314	181,195	25,500	8,258	228
16,682	15,252	549,631	10,805	20,140	612,510	88,895	31,287	765
21,280	46,450	567,044	8,766	34,000	677,540	126,851	52,875	922
14,244	47,693	750,878	30,927	18,950	862,692	126,168	79,743	1,145
4,200	5,500	267,880	4,560	15,555	297,695	65,740	13,669	410
81,105	121,889	2,102,282	45,199	157,175	2,507,650	484,543	191,683	3,500
37,215	162,627	1,892,589	14,177	138,064	2,244,672	303,280	203,978	3,090
-----	70,342	746,898	-----	49,965	867,205	91,272	119,916	1,196
10,515	45,960	633,071	14,177	53,992	757,715	100,824	57,114	1,056
5,700	21,825	260,928	-----	9,715	298,168	40,793	8,898	388
21,000	24,500	251,692	-----	24,392	321,584	70,391	18,050	450

charges; community services to public and nonpublic schools paid from school district funds; and adult and summer schools. This total figure covers all school current expenditures whether or not same are directly allocable to the charge per pupil in average daily attendance for the public-school system reporting.

⁵ Number of positions and corresponding salary expenditures estimated on basis of previous report from city and from amounts reported as salary averages for similar positions in comparable school districts.

⁶ Distribution by sex not reported. Total has been divided on basis of previous biennial reports on enrollment made to this Office.

⁷ Used 1947-48 data in lieu of the 1949-50 report.

⁸ Estimated on basis of 1947-48 figures.

Table 3.—Personnel, attendance, and current expenditure data

GROUP IV—CITIES OF 5,000

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								CURRENT EXPENDITURES FOR:
	City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Aver- age daily attend- ance	Length of school year ²	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
1	Continental United States.....	593	2,549	13,247	41,729	770,961	752,134	1,339,399	-----	\$11,992,490
2	ALABAMA.....		32	133	693	13,053	13,015	23,115	-----	112,863
3	Alexander City.....		5	10	63	1,267	1,314	2,349	176	8,876
4	Jasper.....		2	4	36	667	706	1,254	175	5,013
5	Opelika.....		2	11	65	1,353	1,257	2,294	175	8,268
6	Sheffield.....		4	10	61	1,128	1,076	1,759	178	9,708
7	Tusculum.....		3	7	46	758	758	1,449	175	8,063
8	Other cities.....		16	91	422	7,880	7,904	14,010	-----	72,935
9	ARIZONA.....	4	41	246	550	12,757	12,197	21,016	-----	190,264
10	Bisbee.....		5	16	61	999	1,006	1,720	175	15,554
11	Douglas.....		6	30	74	1,540	1,487	2,601	171	21,113
12	Globe.....		3	13	49	982	1,026	1,765	178	9,264
13	Nogales.....	1	1	18	38	786	784	1,335	180	16,944
14	Prescott.....		6	35	62	1,409	1,291	2,217	178	17,143
15	Other cities.....	3	20	134	266	7,041	6,603	11,378	-----	110,246
16	ARKANSAS.....	2	26	147	670	14,098	14,067	23,739	-----	112,217
17	Conway.....		2	10	55	1,123	1,116	1,576	175	9,032
18	Forrest City.....		4	20	112	2,696	2,694	3,954	176	17,928
19	Paragould.....		1	13	35	862	806	1,355	173	8,768
20	Stuttgart.....	1	1	8	45	867	886	1,526	174	4,295
21	Van Buren.....		1	10	45	1,217	1,351	2,300	178	1,759
22	Other cities.....	1	17	86	378	7,333	7,214	12,728	-----	70,435
23	CALIFORNIA.....	51	240	1,298	3,219	64,519	61,329	114,858	-----	1,148,434
24	Antioch.....		5	25	71	1,355	1,339	2,616	171	15,608
25	Corona.....	1	7	35	86	1,579	1,523	2,971	172	32,366
26	Coronado.....		2	20	53	838	753	1,591	171	17,560
27	Grass Valley.....		1	15	46	1,194	1,081	1,817	170	9,062
28	Watsonville.....	1	5	26	74	1,469	1,337	2,546	176	25,417
29	Other cities.....	49	219	1,177	2,889	58,084	55,296	103,317	-----	1,048,421
30	COLORADO.....	2	32	196	509	9,385	9,315	16,694	-----	100,809
31	Alamosa.....	2	2	14	41	720	758	1,393	180	7,072
32	Durango.....		2	17	41	801	806	1,530	178	9,613
33	La Junta.....		7	24	60	1,361	1,345	2,300	190	12,104
34	Longmont.....		4	24	48	1,105	1,077	1,846	180	10,778
35	Loveland.....		2	12	58	962	937	1,800	178	10,086
36	Other cities.....		15	105	261	4,436	4,392	7,825	-----	51,156
37	CONNECTICUT.....	7	22	86	359	5,708	5,580	9,265	-----	89,406
38	Griswold (P. O. Jewett City).....		1	7	23	356	365	613	180	11,308
39	Putnam.....		3	7	27	459	473	847	180	9,319
40	Stafford Springs.....	1	1	9	26	433	473	815	180	8,183
41	Vernon (P. O. Rockville).....	5	3	15	47	752	718	1,371	181	8,886
42	Winchester (P. O. Winsted).....		1	2	47	664	603	1,151	180	8,300
43	Other cities.....	1	13	46	189	3,044	2,948	4,468	-----	43,410
44	DELAWARE.....									
44	Dover.....		3	22	49	859	861	1,557	180	13,596
45	GEORGIA.....		42	160	855	16,682	16,925	28,388	-----	107,171
46	Americus.....		5	7	56	1,129	1,131	2,001	176	6,392
47	Carrollton.....		4	9	44	942	922	1,558	175	5,469
48	Cedartown.....		4	10	67	1,201	1,267	2,209	175	10,631

See footnotes at end of Group IV of this table.

for public-school systems, by State and by city: 1949-50—Continued

TO 9,999 POPULATION

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only					School plant		Total ⁴ (in thou- sands)	
Salaries and wages				Other ³	Total	Operation		Mainte- nance
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
\$2,320,699	\$10,670,792	\$159,602,233	\$2,153,949	\$11,635,263	\$156,382,956	\$26,539,700	\$12,055,478	\$262,767
	111,421	1,829,528	9,600	214,538	2,165,087	145,333	78,953	2,748
	18,051	141,468		8,070	167,589	18,159	1,802	264
	6,000	72,049		1,284	79,333	9,184	3,305	96
	7,400	172,694		9,624	189,718	11,183	14,554	251
	14,750	161,693		6,615	183,058	19,491	11,631	247
	7,700	120,000	2,000	2,000	131,700	8,000	3,000	185
	57,520	1,161,624	7,600	186,945	1,413,689	79,316	44,661	1,708
15,930	211,489	2,928,074	51,110	189,951	3,396,554	395,527	252,947	4,620
	24,920	310,580	1,500	13,112	350,112	28,614	33,394	436
	39,407	406,158	4,300	5,450	455,315	28,998	15,883	528
	13,700	201,631	9,600	13,735	238,666	26,057	24,601	366
4,750	5,250	198,753	2,300	4,869	215,922	22,735	22,480	292
	32,760	363,647	6,586	13,983	416,976	57,857	17,208	546
11,180	95,452	1,447,305	26,824	138,802	1,719,563	231,266	139,381	2,452
8,050	96,493	1,544,853	7,880	32,246	1,689,522	187,938	74,119	2,436
	6,630	124,767		3,074	134,471	11,253	1,951	208
	11,840	213,928	1,412	11,212	238,392	43,286	10,525	424
	3,503	99,314	1,468	1,956	106,241	15,346	6,489	140
5,350	5,955	117,258		500	129,063	11,926	7,677	208
	5,000	130,692	1,378	568	137,638	12,217	5,995	179
2,700	63,565	858,894	3,622	14,936	943,717	93,910	41,482	1,277
195,227	1,214,493	16,729,104	332,697	1,825,807	20,297,328	2,858,686	1,225,474	28,626
	26,200	326,388	11,422	44,787	408,797	58,266	68,851	605
4,000	28,000	433,551	16,000	72,003	553,554	68,461	22,906	740
	10,950	263,469	7,300	3,708	285,427	46,382	8,496	372
	9,000	235,628	3,600	17,658	265,886	15,095	8,462	334
4,400	23,073	375,884	19,305	59,137	481,799	74,763	20,732	721
186,827	1,117,270	15,094,184	275,070	1,628,514	18,301,865	2,595,719	1,096,027	25,854
10,325	116,277	1,869,168	13,686	134,706	2,144,162	280,418	110,551	3,007
10,325	8,436	134,217	1,249	10,110	164,337	21,788	6,952	214
	10,140	152,334		15,774	178,248	24,524	9,465	238
	21,030	206,254	1,615	16,200	245,099	43,573	27,731	501
	13,933	214,340	3,676	10,492	242,441	29,956	6,170	319
	7,655	201,452		13,179	222,286	28,994	12,557	305
	55,083	960,571	7,146	68,951	1,091,751	131,583	47,676	1,430
37,185	104,595	1,357,651	19,296	93,988	1,612,715	203,918	118,149	2,240
	3,500	90,153		7,798	101,451	14,778	14,881	162
	12,150	116,180	2,094	3,144	133,568	20,021	17,933	196
3,085	4,400	104,469	1,472	8,684	122,110	18,467	2,166	172
16,100	14,000	168,221	1,900	15,124	215,345	29,730	18,086	292
	6,470	129,300		9,100	144,870	15,200	10,350	210
18,000	64,075	749,328	13,830	50,138	895,371	105,722	54,733	1,208
	12,950	225,100	3,895	13,426	255,371	25,916	42,569	348
	128,690	1,937,413	11,384	85,726	2,163,213	184,501	96,582	2,868
	15,330	120,468	1,680	6,064	143,542	13,173	4,561	179
	10,936	95,203	1,804	1,078	109,021	9,895	1,688	137
	15,208	157,598	900	10,704	184,410	17,135	6,621	232

Table 3.—Personnel, attendance, and current expenditure data

GROUP IV.—CITIES OF 5,000 TO

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								CURRENT EXPENDITURES FOR:
	City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Aver- age daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
49	Fitzgerald.....		1	8	48	856	911	1,535	175	9,431
50	Thomaston.....		6	23	91	1,588	1,712	2,881	176	11,519
51	Other cities.....		22	103	549	10,966	10,982	18,204	-----	63,729
52	IDAHO.....		7	24	93	1,902	1,757	3,202	-----	21,719
53	Caldwell.....		4	12	53	1,249	1,137	2,018	173	10,736
54	Moscow.....		3	12	40	653	620	1,184	172	10,983
55	ILLINOIS.....	29	139	690	2,351	40,031	38,796	69,060	-----	857,715
56	Batavia.....		2	9	42	653	593	1,151	187	11,948
57	Charleston.....		6	21	47	1,180	964	2,144	186	25,207
58	Edwardsville.....	1	1	12	63	875	911	1,618	189	7,800
59	Effingham.....		7	27	45	912	920	1,569	188	20,946
60	Madison.....		6	15	55	1,117	1,179	1,996	185	22,840
61	Monmouth.....		6	16	53	849	873	1,582	185	9,195
62	Other cities.....	28	111	590	2,046	34,445	33,356	59,000	-----	759,779
63	INDIANA.....	27	97	491	1,045	23,067	22,741	40,531	-----	320,988
64	Auburn.....	1	1	16	28	548	574	1,030	167	6,364
65	Brazil.....	3	6	20	19	790	815	1,442	177	9,002
66	Clinton.....	1	2	19	26	613	616	1,123	177	7,666
67	Franklin.....		2	19	26	695	647	1,180	174	10,392
68	Valparaiso.....	2	4	21	43	999	965	1,750	183	9,998
69	Wabash.....	1	2	16	51	1,037	973	1,777	178	11,573
70	Other cities.....	19	80	380	852	18,385	18,151	32,229	-----	265,993
71	IOWA.....	12	53	305	903	15,405	14,710	26,613	-----	203,531
72	Albia.....		4	9	36	666	588	1,078	180	8,995
73	Cedar Falls.....		5	17	63	1,049	968	1,744	180	13,543
74	Knoxville.....	1	2	8	38	723	590	1,180	180	8,945
75	Oelwein.....		6	13	42	575	580	1,107	180	7,544
76	Perry.....	2	4	11	37	626	630	1,082	180	9,672
77	Webster City.....		5	14	46	878	876	1,540	179	9,598
78	Other cities.....	9	27	233	641	10,888	10,478	18,882	-----	145,234
79	KANSAS.....	6	55	236	625	12,435	11,919	21,037	-----	137,211
80	Concordia.....		1	14	38	673	635	1,131	180	11,064
81	Dodge City.....	1	6	37	68	1,501	1,411	2,543	178	15,092
82	Garden City.....	2	2	25	57	1,213	1,172	2,022	175	18,243
83	Great Bend.....	1	5	22	61	1,268	1,297	2,208	180	11,879
84	Junction City.....		6	14	70	1,488	1,302	2,233	176	11,519
85	Pratt.....		4	24	41	902	883	1,506	180	11,336
86	Other cities.....	2	31	100	290	5,390	5,219	9,394	-----	58,078
87	KENTUCKY.....	1	38	159	638	12,034	12,006	21,230	-----	166,317
88	Bellevue.....		2	13	25	463	414	820	189	12,347
89	Corbin.....		4	8	31	723	789	1,393	175	9,410
90	Glasgow.....		1	9	40	834	834	1,378	173	8,528
91	Jenkins.....		5	11	38	1,079	1,128	1,968	176	11,378
92	Ludlow.....		2	9	20	329	394	598	185	9,290
93	Mayfield.....			13	48	801	746	1,209	175	10,494
94	Other cities.....	1	24	96	436	7,805	7,701	13,864	-----	104,870
95	MAINE.....	4	19	131	426	7,990	7,698	13,889	-----	50,336
96	Belfast.....		2	9	31	599	592	1,128	180	3,057
97	Brewer.....		1	16	41	751	750	1,377	180	6,700
98	Gardiner.....		1	9	41	803	744	1,315	180	2,225
99	Old Town.....	3	3	23	51	1,158	1,080	1,958	181	7,264
100	Rockland.....	1	5	15	45	857	854	1,446	174	5,875
101	Saco.....			13	55	924	806	1,538	175	19,542
102	Other cities.....		7	46	162	2,898	2,872	5,127	-----	5,673

See footnotes at end of Group IV of this table.

for public-school systems, by State and by city: 1949-50—Continued

9,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only					School plant		Total ⁴ (in thou- sands)	
Salaries and wages				Other ³	Total	Operation		Mainte- nance
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
	3,500	119,728	-----	5,985	129,213	3,008	10,774	152
	16,921	258,785	1,950	8,295	285,951	17,219	6,219	345
	66,795	1,185,631	5,050	53,600	1,311,076	124,071	66,719	1,823
	21,576	304,782	1,750	21,806	349,914	56,980	14,443	500
	10,626	164,771	1,750	15,273	192,420	26,593	10,828	273
	10,950	140,011	-----	6,533	157,494	30,387	3,615	227
134,179	591,469	9,268,835	102,063	616,652	10,713,198	1,882,069	787,578	15,747
	5,646	155,522	1,608	5,293	168,069	23,153	11,417	226
	31,495	237,756	1,620	20,817	291,688	58,222	19,960	460
4,000	5,000	332,700	5,000	2,500	349,200	10,500	16,200	390
	22,143	180,240	2,750	11,053	216,186	40,827	11,414	368
	28,680	217,343	-----	12,536	258,559	39,925	13,308	340
	22,400	206,070	4,395	16,117	248,982	39,592	12,444	328
130,179	476,105	7,939,204	86,690	548,336	9,180,514	1,669,850	702,835	13,635
103,721	405,864	4,868,725	43,884	220,021	5,642,215	827,363	411,386	7,530
4,871	5,031	146,379	1,791	4,920	162,992	15,423	23,507	210
14,762	24,490	157,619	-----	5,119	201,990	29,454	17,400	268
5,704	9,124	129,592	810	4,781	150,011	26,370	11,592	199
	8,970	144,783	3,400	21,891	179,044	26,236	14,007	235
6,292	16,098	221,486	2,259	11,869	258,004	37,905	13,197	325
6,848	8,999	206,974	675	5,462	228,958	37,565	11,027	296
65,244	333,152	3,861,892	34,949	165,979	4,461,216	654,410	320,656	5,997
37,710	196,893	3,164,398	21,222	226,906	3,647,129	682,044	208,834	5,279
	13,150	101,310	975	5,261	120,696	24,579	6,391	179
	20,292	202,053	1,404	16,127	239,876	55,302	15,126	355
1,355	4,839	122,733	2,700	8,965	140,592	20,905	16,980	210
	28,850	138,995	-----	15,448	183,293	33,056	16,825	253
6,605	13,340	128,929	1,360	11,330	161,564	28,726	7,107	218
	12,328	184,388	-----	11,892	208,608	47,259	12,707	306
29,750	104,094	2,285,990	14,783	157,883	2,592,500	472,217	205,698	3,758
21,531	211,508	2,324,892	34,105	138,761	2,730,797	386,261	161,483	3,555
	4,219	132,802	1,809	6,854	145,684	21,742	24,331	209
4,000	21,000	311,385	5,941	30,977	373,303	44,035	13,272	456
6,000	9,000	251,355	-----	5,000	271,355	52,996	18,752	382
3,314	22,751	249,203	4,443	14,559	294,270	32,528	12,830	360
	22,644	197,550	2,080	10,213	232,487	26,992	10,922	288
	15,058	194,146	5,235	8,023	222,462	27,880	8,293	280
8,217	116,836	988,451	14,597	63,135	1,191,236	180,088	73,083	1,580
5,728	142,992	1,517,045	6,455	46,784	1,719,004	234,129	99,994	2,430
	7,400	89,127	400	3,211	100,138	13,667	1,211	134
	9,063	68,075	210	2,532	79,880	9,250	6,595	106
	5,243	85,843	-----	1,579	92,665	8,511	2,004	121
	16,840	92,896	-----	1,664	111,400	14,478	5,049	149
	5,800	61,566	1,930	3,554	72,850	12,000	5,059	105
	14,724	98,927	-----	5,300	118,951	18,030	12,917	170
5,728	83,922	1,020,611	3,915	28,944	1,143,120	158,193	67,159	1,645
14,100	65,950	1,143,688	19,850	96,692	1,340,280	176,883	57,954	1,632
	6,200	77,972	-----	5,483	92,655	10,582	3,503	117
	3,500	128,270	2,100	7,000	141,170	-----	2,200	149
	3,000	107,625	1,000	8,380	120,005	19,748	7,065	157
10,600	10,900	161,851	550	15,427	199,328	38,030	7,389	276
3,500	18,650	113,795	3,400	4,400	143,745	-----	13,718	166
		74,769	3,300	53,002	131,071	20,378	5,981	211
	23,400	479,406	9,500	-----	512,306	58,145	18,098	756

Table 3.—Personnel, attendance, and current expenditure data

GROUP IV.—CITIES OF 5,000

City		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
		Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
103	MASSACHUSETTS.....	62	82	362	1,348	23,191	22,380	41,757	-----	310,636
104	Abington.....		3	7	32	566	550	1,033	181	9,350
105	Concord.....	2	3	16	47	751	667	1,308	183	14,207
106	Hudson.....	2	1	9	27	538	418	903	180	5,800
107	Ipswich.....	2	3	7	31	539	497	949	177	7,635
108	Mansfield.....	1	2	8	37	614	630	1,151	180	4,959
109	Middleboro.....	2	6	16	47	964	952	1,784	177	7,352
110	Other cities.....	53	64	299	1,127	19,219	18,666	34,629	-----	261,333
111	MICHIGAN.....	25	109	530	1,604	29,685	29,759	53,239	-----	515,082
112	Albion.....	1	5	16	55	1,018	1,027	1,839	180	11,676
113	Berkley.....	-----	5	17	91	1,925	1,927	3,492	184	23,800
114	Charlotte.....	-----	6	14	33	772	746	1,375	178	12,504
115	Ishpeming.....	2	1	14	48	804	781	1,452	190	11,955
116	Sturgis.....	1	1	17	45	714	772	1,263	177	15,634
117	Trenton.....	-----	4	27	34	725	721	1,306	199	21,159
118	Other cities.....	21	87	425	1,298	23,727	23,785	42,512	-----	418,354
119	MINNESOTA.....	16	68	474	1,506	27,340	27,037	47,421	-----	424,519
120	Alexandria.....	-----	2	16	49	865	979	1,597	170	14,729
121	Bemidji.....	-----	4	23	62	1,082	1,117	1,910	172	11,443
122	Chisholm.....	1	4	10	63	764	716	1,373	175	17,811
123	Detroit Lakes.....	-----	1	15	38	797	747	1,342	172	12,519
124	Moorhead.....	-----	2	16	54	980	1,013	1,766	172	14,001
125	St. Peter.....	-----	1	10	26	419	439	789	172	11,584
126	Other cities.....	15	54	384	1,214	22,433	22,026	38,644	-----	342,432
127	MISSISSIPPI.....	5	50	109	700	13,792	14,223	23,876	-----	120,138
128	Brookhaven.....	-----	2	14	67	1,220	1,291	2,124	180	6,964
129	Columbia.....	-----	4	10	43	950	930	1,598	180	9,130
130	Grenada.....	2	3	7	54	992	1,053	1,840	178	8,070
131	McComb.....	3	6	6	50	989	996	1,588	178	8,491
132	Pascagoula.....	-----	7	16	60	1,257	1,190	2,123	180	16,858
133	Tupelo.....	-----	6	10	82	1,294	1,458	2,549	180	10,000
134	Other cities.....	-----	22	46	344	7,090	7,305	12,054	-----	60,625
135	MISSOURI.....	15	74	237	921	17,743	17,270	30,587	-----	202,297
136	Charleston.....	1	4	11	28	716	753	1,303	180	5,297
137	Ferguson.....	-----	3	22	52	1,243	1,100	1,998	185	16,691
138	Lexington.....	1	2	9	28	492	492	839	181	5,929
139	Marshall.....	-----	6	2	50	720	691	1,305	180	8,922
140	Mexico.....	5	5	9	53	1,026	1,027	1,817	180	10,045
141	Trenton.....	4	2	8	43	589	572	1,079	178	6,499
142	Other cities.....	4	52	176	667	12,957	12,635	22,246	-----	148,914
143	MONTANA.....	6	17	104	323	5,566	5,444	9,653	-----	115,096
	Bozeman:									
144	Elementary District.....	4	4	4	56	713	735	1,314	180	12,592
145	High-School District.....	-----	1	16	13	309	277	516	180	12,121
146	Havre.....	-----	4	15	45	791	755	1,342	178	12,255
	Kalispell:									
147	Elementary District.....	-----	5	4	48	814	768	1,455	180	14,790
148	High-School District.....	-----	1	22	15	476	543	860	180	14,803
	Miles City:									
149	Elementary District.....	-----	-----	4	37	645	545	1,027	180	7,058
150	High-School District.....	-----	-----	13	18	234	255	456	180	11,768
151	Other cities.....	2	2	26	91	1,584	1,566	2,683	-----	29,709

See footnotes at end of Group IV of this table.

for public-school systems, by State and by city: 1949-50—Continued

TO 9,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued									
Instruction in full-time day schools, only					School plant		Total 4 (in thou- sands)		
Salaries and wages				Other 3	Total	Operation			Mainte- nance
Super- visors	Principals	Teachers	Clerks						
11	12	13	14	15	16	17	18	19	
229,146	331,529	4,798,344	32,710	357,955	5,749,684	918,971	367,901	8,175	103
-----	15,180	99,730	1,000	6,646	122,556	23,954	7,126	177	104
12,700	14,600	102,340	4,615	17,181	241,436	42,816	14,262	336	105
6,626	3,645	112,921	4,255	2,918	130,365	3,430	2,354	152	106
4,866	9,325	95,527	-----	6,812	116,530	19,804	8,291	164	107
3,300	7,775	130,569	300	9,493	151,737	23,551	7,376	210	108
6,500	19,550	167,104	4,566	12,546	210,266	24,762	12,065	294	109
195,154	261,454	3,999,853	17,974	302,359	4,776,794	780,654	316,427	6,842	110
98,964	474,607	6,579,646	87,794	574,950	7,815,961	1,397,130	522,472	11,035	111
2,793	13,710	220,912	1,600	13,637	252,652	45,670	16,793	342	112
-----	23,966	333,515	13,042	27,338	397,861	72,417	26,724	540	113
-----	24,000	144,752	2,000	17,589	188,341	30,372	12,281	305	114
6,800	4,958	188,962	1,440	9,761	211,921	44,316	17,365	303	115
3,750	5,000	194,336	3,268	8,750	215,104	39,057	11,829	288	116
-----	21,200	232,951	4,999	21,044	280,194	62,274	33,236	427	117
85,621	381,773	5,264,218	61,445	476,831	6,269,888	1,103,024	404,244	8,830	118
59,950	296,681	5,966,994	87,329	624,804	7,035,758	1,389,340	450,896	10,731	119
-----	8,107	196,117	2,000	25,471	231,695	35,791	22,867	356	120
-----	12,150	238,160	9,203	29,839	289,352	40,066	20,657	449	121
3,652	13,815	219,939	16,560	17,918	271,884	121,518	32,985	503	122
-----	5,225	141,901	4,051	12,664	163,841	32,681	6,556	246	123
-----	11,391	198,384	-----	18,297	228,072	57,215	54,570	388	124
-----	4,450	104,012	-----	23,375	131,837	17,957	6,477	204	125
56,298	241,543	4,868,481	55,515	497,240	5,719,077	1,084,112	306,784	8,585	126
14,200	140,485	1,379,638	8,520	53,390	1,596,233	158,038	90,539	2,154	127
-----	10,260	137,245	2,400	2,242	152,147	11,131	1,045	186	128
-----	10,666	101,407	-----	2,625	114,698	6,896	3,822	139	129
4,900	8,000	117,244	1,000	4,650	135,794	10,500	8,200	168	130
9,300	14,906	95,582	1,237	5,073	126,098	16,829	2,784	160	131
-----	17,873	185,236	1,513	5,015	209,637	31,822	13,525	288	132
-----	17,100	165,900	2,050	11,500	196,550	17,040	19,900	265	133
-----	61,680	577,024	320	22,285	661,309	63,820	41,563	948	134
47,607	249,853	2,708,046	39,814	253,734	3,299,054	460,051	170,638	4,826	135
1,925	10,683	82,172	772	10,514	106,066	17,246	8,711	203	136
-----	15,036	233,787	6,095	14,750	269,668	36,274	11,123	357	137
2,575	7,025	82,250	1,440	9,768	103,058	17,168	4,957	165	138
-----	17,553	127,756	2,444	16,625	164,378	21,341	6,559	234	139
14,391	17,214	164,084	1,984	17,780	215,453	39,126	18,205	306	140
15,161	10,633	114,264	1,146	8,637	149,841	22,546	10,654	196	141
13,555	171,709	1,903,733	25,933	175,660	2,290,590	306,350	110,126	3,365	142
33,050	61,132	1,279,023	8,583	84,512	1,466,300	221,297	122,255	2,137	143
25,300	13,000	144,700	-----	13,775	196,775	25,000	3,000	252	144
-----	4,000	98,530	-----	6,521	109,051	13,991	9,630	171	145
-----	16,647	196,361	5,083	8,333	226,424	28,493	5,383	295	146
-----	15,320	157,797	-----	12,953	186,070	30,433	48,043	292	147
-----	3,515	111,976	500	12,276	128,267	28,255	22,258	266	148
-----	-----	116,487	-----	5,164	121,651	18,175	1,998	151	149
-----	-----	71,928	-----	7,334	79,262	13,708	11,759	120	150
7,750	8,650	381,244	3,000	18,156	418,800	63,642	20,184	590	151

Table 3.—Personnel, attendance, and current expenditure data

GROUP IV.—CITIES OF 5,000

City		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								CURRENT EXPENDITURES FOR:
		Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
1		2	3	4	5	6	7	8	9	10
152	NEBRASKA.....	9	29	114	330	6,034	5,745	10,173	-----	76,825
153	Columbus.....	1	7	11	38	666	684	1,216	180	9,298
154	Falls City.....	-----	4	10	36	676	594	1,156	176	6,954
155	Fairbury.....	-----	2	18	43	655	640	1,155	180	8,607
156	Kearney.....	-----	2	19	58	1,053	1,012	1,743	180	13,201
157	Nebraska City.....	3	8	10	33	692	661	1,017	180	8,678
158	York.....	2	1	10	37	576	506	948	180	9,517
159	Other cities.....	3	5	36	85	1,716	1,648	2,938	-----	20,570
160	NEVADA.....	2	14	53	200	3,835	3,632	6,261	-----	51,348
161	Las Vegas (Union District). Sparks.....	2	11	40	154	2,842	2,756	4,680	174	42,078
162	-----	-----	3	13	46	993	876	1,581	177	9,270
163	NEW HAMPSHIRE.....	2	12	57	163	2,840	2,761	4,895	-----	48,190
164	Derry.....	-----	-----	3	22	406	359	679	179	7,188
165	Exeter.....	-----	2	10	28	409	471	792	178	8,390
166	Franklin.....	-----	2	15	30	497	498	883	180	6,985
167	Lebanon.....	2	4	14	39	690	650	1,072	173	11,333
168	Newport.....	-----	2	10	28	548	527	977	180	6,057
169	Somersworth.....	-----	2	5	16	290	256	492	180	8,237
170	NEW JERSEY.....	42	117	796	2,393	39,932	38,380	68,042	-----	731,751
171	Audubon.....	-----	1	19	53	893	927	1,625	183	11,654
172	Bogota.....	2	1	14	41	631	603	1,088	181	6,441
173	Boonton.....	-----	2	18	50	844	818	1,451	183	17,595
174	Caldwell.....	-----	3	31	65	1,178	1,147	2,013	185	55,378
175	Sayreville.....	-----	1	10	36	567	483	919	180	9,117
176	Secaucus.....	-----	3	6	30	516	425	831	181	11,357
177	Other cities.....	40	106	698	2,118	35,303	33,977	60,115	-----	620,209
178	NEW MEXICO.....	15	44	184	548	11,832	11,460	19,304	-----	129,001
179	Las Cruces.....	1	4	26	87	1,699	1,724	3,012	180	9,458
180	Portales.....	1	5	23	65	¹ 1,500	¹ 1,501	2,332	180	12,630
181	Silver City.....	-----	1	1	35	¹ 625	¹ 626	1,016	172	11,203
182	Las Vegas.....	2	4	21	48	1,015	1,087	1,770	180	15,135
183	Other cities.....	11	30	113	313	6,993	6,522	11,174	-----	80,575
184	NEW YORK.....	44	136	775	2,465	38,688	37,358	65,811	-----	920,106
185	Bronxville.....	1	2	19	55	541	593	1,013	182	36,187
186	Hudson Falls.....	-----	3	14	41	725	728	1,288	180	12,404
187	Ilion.....	1	3	10	50	714	746	1,313	180	11,525
188	Lancaster.....	-----	3	18	44	841	748	1,426	184	18,525
189	Rye.....	-----	3	18	55	780	725	1,281	190	36,462
190	Scotia.....	1	5	13	81	1,008	975	1,777	190	16,400
191	Other cities.....	41	117	683	2,139	34,079	32,843	57,713	-----	788,603
192	NORTH CAROLINA.....	9	78	177	1,110	21,514	21,477	37,505	-----	188,462
193	Asheboro.....	1	5	11	80	1,511	1,536	2,792	180	11,921
194	Mooresville.....	1	4	9	57	1,020	1,042	1,906	180	11,345
195	Roanoke Rapids.....	1	6	17	75	1,368	1,315	2,499	180	13,288
196	Washington.....	1	4	16	91	1,808	1,683	3,013	180	10,563
197	Other cities.....	5	59	124	807	15,807	15,901	27,295	-----	141,345
198	NORTH DAKOTA.....	3	7	58	217	3,597	3,635	6,503	-----	56,061
199	Devils Lake.....	-----	1	8	41	675	633	1,164	180	10,726
200	Dickinson.....	2	1	7	23	441	479	786	180	1,189
201	Mandan.....	-----	-----	11	27	451	459	733	180	11,263
202	Williston.....	-----	-----	10	43	737	771	1,423	180	10,202
203	Other cities.....	1	5	22	83	1,293	1,293	2,397	-----	22,681

See footnotes at end of Group IV of this table.

for public-school systems, by State and by city: 1949-50—Continued

TO 9,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued									
Instruction in full-time day schools, only					School plant		Total ⁴ (in thou- sands)		
Salaries and wages				Other ³	Total	Operation			Mainte- nance
Super- visors	Principals	Teachers	Clerks						
11	12	13	14	15	16	17	18	19	
29,094	113,673	1,099,905	10,595	107,351	1,360,618	213,411	97,410	1,859	152
4,000	28,000	119,685	-----	13,845	165,530	29,635	8,914	216	153
-----	16,472	108,893	-----	6,243	131,608	21,964	9,936	185	154
-----	6,254	138,322	1,583	31,603	177,762	27,579	12,664	223	155
-----	10,556	198,104	2,765	17,036	228,461	31,578	19,575	321	156
11,238	31,512	99,794	1,077	13,008	156,629	27,968	6,919	200	157
4,556	3,075	122,156	1,200	9,859	140,846	23,805	10,931	191	158
9,300	17,804	312,951	3,970	15,757	359,782	50,882	28,471	523	159
6,000	57,000	734,068	-----	99,319	896,387	138,327	35,326	1,163	160
6,000	44,000	553,296	-----	83,690	686,986	109,867	23,086	897	161
-----	13,000	180,772	-----	15,629	209,401	28,460	12,240	266	162
5,950	45,379	579,466	6,923	33,804	671,522	110,036	31,172	1,032	163
-----	-----	62,768	-----	4,004	66,772	10,961	6,038	148	164
-----	8,800	118,310	3,301	8,122	138,533	21,461	12,014	199	165
-----	7,104	106,804	2,656	6,449	123,013	21,803	1,088	173	166
5,950	15,075	134,377	966	9,759	166,127	26,089	4,828	251	167
-----	7,500	103,457	-----	4,071	115,028	17,780	5,447	163	168
-----	6,900	53,750	-----	1,399	62,049	11,942	1,757	98	169
180,577	533,134	9,994,561	263,313	778,877	11,750,462	1,865,397	961,096	17,030	170
-----	4,600	221,225	4,080	19,565	249,470	41,432	11,674	336	171
6,400	5,200	186,410	3,355	13,634	214,999	38,806	24,743	298	172
-----	9,350	231,619	6,502	25,295	272,766	35,883	26,339	367	173
-----	14,000	323,459	12,000	23,178	372,637	60,516	34,113	559	174
-----	4,620	139,085	4,286	10,084	158,075	37,460	19,155	252	175
-----	17,300	97,015	2,200	9,305	125,820	28,426	8,691	235	176
174,177	478,064	8,795,748	230,890	677,816	10,356,695	1,622,874	836,381	14,983	177
68,444	193,487	2,299,557	22,910	82,083	2,666,481	276,543	107,428	3,530	178
7,200	17,540	382,757	6,595	1,359	415,451	34,895	24,664	524	179
8,690	21,685	279,018	3,865	4,500	317,758	24,204	13,930	472	180
-----	3,776	128,017	5,000	5,827	142,620	10,646	4,967	181	181
11,580	17,000	231,180	-----	7,400	267,160	30,710	7,550	339	182
40,974	133,486	1,278,585	7,450	62,997	1,523,492	176,088	56,317	2,014	183
194,785	702,658	11,507,891	289,479	1,023,603	13,718,416	2,073,772	1,060,778	20,543	184
6,050	16,800	360,313	11,795	21,322	416,280	57,237	28,150	603	185
-----	13,330	183,150	5,515	12,039	214,034	34,229	5,530	314	186
3,687	13,100	179,515	2,150	11,858	210,310	26,294	7,130	293	187
-----	14,000	216,233	5,200	10,805	246,238	29,350	19,015	331	188
-----	24,350	324,974	10,378	45,270	404,972	76,483	19,036	607	189
2,772	23,250	299,656	7,935	20,377	353,990	45,410	27,547	494	190
182,276	597,828	9,944,050	246,506	901,932	11,872,592	1,804,703	954,370	17,901	191
29,332	313,591	3,467,747	16,179	98,806	3,925,655	276,503	233,164	4,976	192
3,458	18,514	254,824	-----	4,127	280,923	18,535	17,884	348	193
3,310	17,910	182,962	1,000	4,392	209,574	13,017	19,947	266	194
4,029	25,968	254,086	3,713	6,164	293,960	22,836	19,304	401	195
3,460	22,288	275,649	3,978	6,610	308,985	24,104	19,671	436	196
15,075	228,911	2,500,226	7,488	80,513	2,832,213	198,011	156,358	3,525	197
8,750	28,700	777,823	3,975	30,267	849,515	132,713	86,524	1,171	198
-----	4,000	139,977	1,575	8,652	154,204	29,249	22,764	232	199
6,000	4,230	94,421	2,400	3,176	110,227	13,610	2,864	136	200
-----	-----	106,984	-----	1,686	108,670	20,709	18,937	165	201
-----	-----	159,909	-----	7,227	167,136	21,684	11,734	211	202
2,750	20,470	276,532	-----	9,526	309,278	47,461	30,225	427	203

Table 3.—Personnel, attendance, and current expenditure data

GROUP IV—CITIES OF 5,000

City		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
		Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10	
204 OHIO.....	24	113	849	2,285	42,849	41,517	77,025	-----	691,454	
205 Athens.....	3	1	16	36	665	611	1,162	180	9,891	
206 Barnesville.....	1	1	14	22	524	492	933	175	8,440	
207 Dover.....	5	5	27	48	909	858	1,668	176	16,817	
208 Gallipolis.....	2	2	14	36	807	801	1,489	173	9,302	
209 Girard.....	1	1	19	53	812	795	1,479	174	12,394	
210 Jackson.....	1	1	14	36	795	796	1,424	176	12,730	
211 Troy.....	1	1	19	56	981	889	1,810	175	13,754	
212 Other cities.....	15	101	726	1,998	37,356	36,275	67,060	-----	608,126	
213 OKLAHOMA.....	4	96	320	1,012	20,627	19,904	33,927	-----	298,186	
214 Altus.....	6	13	56	1,154	1,124	1,838	179	12,279		
215 Alva.....	2	18	37	645	611	1,141	175	6,184		
216 Duncan.....	1	6	13	90	1,695	1,688	2,772	180	18,680	
217 Pauls Valley.....	5	11	43	988	890	1,516	176	17,113		
218 Other cities.....	3	77	265	786	16,145	15,591	26,660	-----	243,930	
219 OREGON.....	11	37	220	396	8,574	8,341	14,903	-----	136,242	
220 Corvallis.....	1	5	30	57	1,233	1,278	2,034	187	21,055	
221 Grants Pass.....	2	6	36	70	1,492	1,492	2,725	180	19,001	
222 Pendleton.....	5	5	29	48	1,025	972	1,742	177	21,576	
223 The Dalles.....	1	3	20	42	893	783	1,412	179	15,410	
224 Other cities.....	2	18	105	179	3,931	3,816	6,990	-----	59,200	
225 PENNSYLVANIA.....	50	164	1,575	3,785	67,247	66,341	123,846	-----	1,475,644	
226 Blainsville.....	2	1	14	26	456	478	868	180	10,696	
227 Glassport.....	2	2	11	29	499	500	964	180	14,958	
228 Leighton.....	1	1	18	30	672	627	1,254	180	13,576	
229 Oakmont.....	3	12	37	535	558	1,013	181	22,399		
230 Rankin.....	1	20	36	541	565	1,007	180	17,514		
231 Tarentum.....	1	23	42	835	939	1,418	180	15,357		
232 Other cities.....	46	155	1,477	3,585	63,709	62,674	117,322	-----	1,381,144	
233 RHODE ISLAND.....	9	24	114	1,906	1,947	3,427	-----	27,491		
234 Barrington.....	3	9	43	719	698	1,230	181	10,492		
235 Burrilville (P. O. Pas- coag).	1	8	38	646	646	1,147	180	7,221		
236 Warren.....	5	7	33	541	603	1,050	181	9,778		
237 SOUTH CAROLINA.....	3	35	124	824	15,275	16,048	27,339	-----	119,241	
238 Camden.....	5	5	74	1,388	1,499	2,489	180	8,823		
239 Gaffney.....	1	18	74	1,371	1,491	2,608	180	10,463		
240 Laurens.....	3	7	51	1,049	1,059	1,909	180	8,733		
241 Marion.....	3	15	54	1,126	1,177	1,950	180	5,478		
242 Newberry.....	3	7	65	1,107	1,190	2,065	180	7,118		
243 Union.....	4	14	92	1,762	1,683	3,106	180	20,242		
244 Other cities.....	3	16	58	414	7,472	7,949	13,212	-----	58,384	
245 SOUTH DAKOTA.....	1	9	59	145	2,370	2,346	4,134	-----	42,906	
246 Brookings.....	2	10	46	607	601	1,076	177	9,357		
247 Lead.....	2	15	37	659	685	1,135	172	13,125		
248 Madison.....	4	15	22	458	483	830	178	7,823		
249 Yankton.....	1	1	19	40	646	577	1,093	182	12,601	
250 TENNESSEE.....	2	42	75	534	9,951	9,742	17,986	-----	106,765	
251 Alcoa.....	5	13	41	787	796	1,445	179	10,373		
252 Athens.....	2	2	46	772	743	1,392	175	7,029		
253 Morristown.....	8	7	78	1,355	1,465	2,179	175	11,516		
254 Paris.....	3	4	42	681	674	1,197	175	11,740		
255 Shelbyville.....	2	2	38	616	628	1,183	180	-----		
256 Union City.....	2	8	37	1,072	1,058	1,964	177	9,997		
257 Other cities.....	2	20	39	252	4,668	4,378	8,626	-----	56,110	

See footnotes at end of group IV of this table.

for public-school systems, by State and by city: 1949-50—Continued

TO 9,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued

Instruction in full-time day schools, only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Mainte- nance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
80,395	469,842	8,890,312	111,570	629,437	10,181,556	1,883,259	824,491	14,780
7,807	3,700	139,752	-----	9,444	160,703	35,506	5,830	220
-----	3,908	95,068	-----	4,085	103,061	22,254	4,292	171
14,812	15,420	177,630	-----	13,346	221,208	40,690	17,058	314
-----	7,050	134,723	2,410	10,819	155,002	23,673	10,510	236
-----	5,199	211,662	1,131	13,077	231,069	48,419	27,770	330
3,700	3,639	134,866	-----	8,591	150,796	21,284	7,441	238
-----	6,895	234,396	4,000	15,288	260,579	38,295	22,860	341
54,076	424,031	7,762,215	104,029	554,787	8,899,138	1,653,138	728,730	12,930
-----	14,150	387,282	3,548,441	1,514	95,946	4,047,333	380,541	202,754
-----	22,600	176,634	-----	7,896	207,130	20,438	4,443	5,302
-----	9,000	145,547	-----	-----	154,547	17,000	4,231	210
5,700	22,810	283,162	-----	2,494	314,166	22,093	14,655	377
-----	17,680	163,892	-----	6,075	187,647	17,145	(⁵)	300
8,450	315,192	2,779,206	1,514	79,481	3,183,843	303,865	179,425	4,164
-----	53,010	153,621	2,020,158	39,186	227,843	373,203	177,690	3,668
5,158	15,431	293,414	-----	21,520	335,523	59,401	19,558	505
6,000	29,091	343,715	12,164	62,254	453,224	65,467	22,301	662
25,000	21,588	275,202	3,944	39,581	365,315	60,693	19,158	499
6,500	15,647	206,746	5,400	23,013	257,306	38,201	29,319	376
10,352	71,864	901,081	17,678	81,475	1,082,450	149,441	87,354	1,626
-----	182,591	618,033	14,537,979	170,437	1,228,560	16,737,600	2,580,878	1,195,003
9,485	3,900	104,299	3,420	9,027	130,131	23,200	8,860	192
8,866	5,041	111,650	2,155	11,510	138,722	18,193	5,910	191
-----	3,500	129,039	-----	11,600	144,139	15,959	19,717	206
-----	8,392	144,143	3,250	19,693	175,478	32,979	10,026	264
-----	3,567	127,820	1,480	3,196	136,063	44,469	16,342	228
-----	4,769	194,148	2,423	19,633	220,973	31,923	29,653	316
164,740	588,864	13,726,880	157,709	1,153,901	15,792,094	2,414,155	1,104,495	22,798
-----	36,536	429,334	2,551	11,845	480,266	68,681	26,353	652
-----	12,856	175,471	1,250	5,516	195,093	26,188	11,081	261
-----	5,880	132,160	-----	2,461	140,501	22,539	10,556	200
-----	17,800	121,703	1,301	3,868	144,672	19,954	4,716	191
9,975	119,616	2,145,948	3,895	56,074	2,335,508	220,074	114,904	3,320
-----	19,537	182,928	-----	1,227	203,692	18,079	1,902	277
-----	4,500	227,826	2,100	4,585	239,011	20,516	9,337	393
-----	9,147	140,063	687	2,072	151,969	12,029	7,668	187
-----	7,800	142,029	-----	2,721	152,550	13,575	5,269	208
-----	7,717	174,367	-----	1,820	183,904	17,140	27,040	274
-----	13,700	246,988	1,108	5,020	266,816	31,750	20,957	369
9,975	57,215	1,031,747	-----	38,629	1,137,666	106,985	42,731	1,612
4,908	30,780	567,151	9,102	41,526	653,467	114,008	44,403	897
-----	8,023	141,008	2,829	12,247	164,107	32,063	6,740	226
-----	7,060	160,157	2,280	3,598	173,095	29,953	17,510	243
-----	12,523	91,858	447	12,783	117,611	22,780	10,090	165
4,908	3,174	174,128	3,546	12,898	198,654	29,212	10,063	263
6,065	135,548	1,361,051	5,647	65,111	1,573,422	147,041	73,849	2,039
-----	18,000	120,546	-----	7,332	145,878	12,950	6,117	178
-----	7,755	99,117	-----	6,172	113,044	7,575	7,593	145
-----	23,800	181,465	1,220	11,233	217,718	18,012	4,078	272
-----	9,171	100,692	1,223	5,881	116,967	10,640	4,305	154
-----	7,165	70,642	-----	3,350	81,157	10,698	7,868	115
-----	9,403	112,231	-----	4,399	126,033	10,503	2,994	156
6,065	60,254	676,358	3,204	26,744	772,625	76,663	40,894	1,019

Table 3.—Personnel, attendance, and current expenditure data

GROUP IV—CITIES OF 5,000

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
258	TEXAS.....	47	242	1,037	4,029	73,555	70,176	119,655	-----	1,197,159
259	Alice.....	2	6	31	88	2,086	1,882	3,248	176	30,332
260	Beeville.....	-----	3	14	57	1,019	991	1,594	171	20,678
261	Colorado City.....	-----	4	14	46	861	960	1,661	175	11,916
262	Rusk.....	-----	2	10	29	4,524	4,526	927	175	9,795
263	San Marcos.....	1	3	18	71	1,096	1,106	1,660	177	17,027
264	Seguin.....	-----	5	16	52	1,267	1,128	1,854	175	17,620
265	Vernon.....	1	6	17	71	1,345	1,281	2,268	175	20,985
266	Other cities.....	43	213	917	3,615	65,357	62,302	106,443	-----	1,068,806
267	UTAH.....	1	5	15	54	1,147	1,135	2,087	176	11,960
268	Murray.....	16	8	43	125	2,140	1,974	3,690	-----	30,953
269	VERMONT.....	7	5	10	34	512	459	851	180	7,948
270	Bellows Falls.....	5	2	11	35	620	583	1,060	176	12,733
271	Bennington.....	4	1	22	56	1,008	932	1,779	177	10,272
272	Springfield.....	16	33	90	479	7,481	7,158	13,486	-----	56,250
273	Bristol.....	1	7	19	92	1,501	1,432	2,861	180	8,322
274	Clifton Forge.....	-----	3	9	35	559	515	960	180	5,883
275	Hampton.....	-----	3	14	42	707	687	1,279	180	3,076
276	Harrisonburg.....	7	4	7	53	823	743	1,428	180	8,482
277	Hopewell.....	5	4	17	73	1,159	1,066	1,994	181	7,135
278	Radford.....	-----	5	9	63	876	843	1,523	180	10,195
279	South Norfolk.....	-----	4	7	55	850	852	1,527	180	4,436
280	Waynesboro.....	3	3	8	66	1,006	1,020	1,914	180	8,721
281	WASHINGTON.....	5	24	148	306	7,466	6,961	12,129	-----	83,898
282	Anacortes.....	-----	4	16	34	755	756	1,282	180	10,316
283	Centralia.....	-----	3	36	67	1,563	1,358	2,444	172	18,134
284	Kelso.....	3	5	27	78	1,754	1,702	2,900	180	20,688
285	Port Angeles.....	2	5	30	62	1,584	1,510	2,625	172	17,144
286	Puyallup.....	-----	7	39	65	1,810	1,635	2,878	171	17,616
287	WISCONSIN.....	13	37	300	693	12,352	12,462	22,127	-----	167,463
288	Antigo.....	2	2	22	52	947	873	1,609	177	9,230
289	Kaukauna.....	-----	1	14	29	515	515	938	177	10,703
290	Sparta.....	1	1	13	30	582	603	1,001	172	2,020
291	Sturgeon Bay.....	-----	3	19	28	659	594	1,089	177	9,044
292	Whitefish Bay.....	1	4	35	82	1,319	1,301	2,168	184	30,083
293	Other cities.....	9	26	197	472	8,330	8,576	15,322	-----	106,383
294	WYOMING.....	-----	12	14	135	2,507	2,605	4,417	-----	24,789
295	Rawlins.....	-----	5	-----	73	1,281	1,378	2,332	178	13,972
296	Rock Springs.....	-----	7	14	62	1,226	1,227	2,085	178	10,817

¹ Includes persons rendering services supplementary to classroom instruction in libraries, study halls, guidance, health, psychological work, etc., provided half or more than half of their employment time is given to such instructional work.

² The actual number of days in the school year that children were taught.

³ Includes instructional supplies; textbooks free to all pupils; school library books; and other expense, including salaries of full-time librarians. The expenditure for textbooks furnished gratis to indigent pupils, only, is classified as an Auxiliary Services item, and reported accordingly.

for public-school systems, by State and by city: 1949-50—Continued

TO 9,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Mainte- nance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
196,042 7,440 ----- 16,000 4,560 15,970 4,601 ----- 4,279 179,722	1,073,698 22,300 17,019 221,200 122,925 269,781 228,562 24,111 945,436	15,002,600 412,206 199,071 221,200 122,925 269,781 228,562 263,531 13,285,324	145,709 12,000 ----- 1,500 ----- 3,117 3,320 1,500 127,272	568,123 10,578 7,823 3,515 1,540 6,378 4,577 5,866 527,846	16,986,172 464,524 223,913 242,215 129,025 299,847 261,761 299,287 15,065,600	1,359,858 34,728 17,419 14,720 6,952 5,622 21,399 20,484 1,238,534	598,608 3,700 6,923 6,052 4,677 4,968 5,662 4,640 561,986	22,148 258 552 259 295 260 338 261 180 262 350 263 314 264 369 265 19,750 266
3,985	19,096	197,726	1,855	11,081	234,343	24,743	20,609	352 267
47,986 13,333 19,275 15,378	31,754 15,264 11,360 5,130	428,169 97,698 119,680 210,791	4,902 1,800 1,505 1,597	37,073 8,636 11,948 16,489	549,884 136,731 163,768 249,385	88,617 22,355 22,125 44,137	41,528 6,868 20,422 14,238	780 268 201 269 225 270 354 271
54,629 6,400 ----- 21,960 14,269 ----- 12,000	123,476 25,398 10,100 10,660 15,240 17,800 17,657 14,621 12,000	1,306,315 256,935 104,133 117,930 136,056 218,041 153,755 142,919 176,546	21,196 2,710 641 2,065 3,357 6,057 1,570 3,437 1,359	78,368 4,010 3,962 8,951 5,147 13,288 7,854 15,994 19,162	1,583,984 295,453 118,836 139,606 181,760 269,455 180,836 176,971 221,067	196,854 36,407 12,343 18,679 24,036 37,636 30,493 18,602 18,658	135,147 25,640 8,440 5,313 7,305 33,172 16,981 13,187 25,109	2,091 272 400 273 149 274 177 275 233 276 364 277 255 278 229 279 284 280
20,253 ----- 12,729 7,524 ----- 57,175 10,726 ----- 5,500 ----- 4,107 36,842 ----- ----- ----- -----	103,753 16,600 19,100 22,380 19,650 26,023 163,472 7,983 4,737 3,800 12,000 23,571 111,381 29,116 18,458 10,658	1,544,123 167,705 350,816 366,905 315,690 343,007 2,996,568 217,461 138,746 120,016 134,138 507,598 1,878,609 440,413 187,887 252,526	26,255 3,481 7,537 6,964 3,244 5,029 46,166 4,295 2,079 2,200 ----- ----- 37,592 6,963 6,963 -----	127,202 10,692 36,289 25,094 25,003 30,124 269,800 19,830 9,163 8,571 9,255 31,416 191,565 25,809 6,476 19,333	1,821,586 198,478 413,742 434,072 371,111 404,183 3,533,181 260,295 154,725 140,087 155,393 566,692 2,255,989 502,301 219,784 282,517	237,211 31,666 54,247 46,951 49,553 54,794 625,997 260,295 24,174 19,477 23,019 103,126 414,723 79,240 33,467 45,773	156,185 25,157 32,501 31,695 6,337 60,495 252,414 13,680 4,147 3,513 3,259 25,598 202,217 40,625 9,281 31,344	2,623 281 301 282 592 283 602 284 512 285 616 286 5,101 287 371 288 198 289 191 290 208 291 831 292 3,302 293 688 294 300 295 388 296

⁴ Includes amounts shown in columns 10, 11, 12, 13, 14, 15, 17, 18, plus amounts not shown but reported by city school systems as expenditures for the following current accounts: Auxiliary school services; fixed charges; community services to public and nonpublic schools paid from school district funds; and adult and summer schools. This total figure covers all school current expenditures whether or not same are directly allocable as a charge against per pupil in average daily attendance cost for the public-school system reporting.

³ Distribution by sex not reported. Total for 1949-50 has been divided on basis of previous biennial reports to this office.

Table 3.—Personnel, attendance, and current expenditure data

GROUP V.—CITIES OF 2,500

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Aver- age daily attend- ance	Length of school year ² (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
1	Continental United States	293	2, 150	11, 793	35, 091	649, 500	632, 367	1,131,914	-----	\$10, 762, 192
2	ALABAMA.....	5	22	65	434	8, 006	7, 954	14, 236	-----	78, 027
3	Atmore.....	-----	-----	-----	13	238	247	410	175	4, 275
4	Fort Payne.....	-----	2	5	28	541	543	997	175	4, 920
5	Jacksonville.....	-----	3	5	29	586	599	938	175	991
6	Union Springs.....	-----	-----	6	37	613	650	1, 138	176	4, 476
7	Other cities.....	5	17	49	327	6, 028	5, 915	10, 753	-----	63, 365
8	ARIZONA.....	6	15	102	251	5, 162	4, 896	8, 860	-----	93, 989
9	Clifton:	-----	-----	-----	-----	-----	-----	-----	-----	-----
10	Elementary District.....	-----	2	7	24	507	467	864	175	10, 466
11	High School District.....	-----	1	6	5	98	107	190	175	1, 411
12	Miami.....	-----	4	20	78	1, 395	1, 395	2, 361	177	13, 750
13	Williams.....	1	2	9	15	318	294	526	174	11, 787
14	Winslow.....	2	2	15	48	1, 051	967	1, 749	176	10, 170
15	Other cities.....	3	4	45	81	1, 793	1, 666	3, 170	-----	46, 405
16	Arkansas.....	2	79	291	1, 231	26, 792	26, 647	44, 037	-----	220, 882
17	De Queen.....	-----	1	8	28	595	594	1, 016	172	9, 655
18	Mena.....	-----	2	9	43	835	786	1, 365	176	4, 102
19	Monticello.....	-----	3	8	47	860	904	1, 476	178	7, 812
20	Newport.....	2	5	11	70	1, 607	1, 608	2, 335	174	11, 670
21	Trumann.....	-----	2	11	44	1, 195	1, 120	1, 573	178	4, 500
22	Other cities.....	-----	66	244	999	21, 700	21, 635	36, 272	-----	183, 143
23	CALIFORNIA.....	35	169	1, 287	2, 791	54, 431	52, 022	98, 541	-----	1, 143, 683
24	Carmel.....	1	2	10	27	408	399	784	176	11, 834
25	Gilroy.....	-----	3	55	13	922	924	1, 750	180	8, 905
26	Lindsay.....	-----	4	15	53	700	690	1, 171	172	10, 750
27	Needles.....	-----	4	18	37	685	686	1, 254	172	16, 958
28	Paso Robles.....	-----	2	13	41	740	760	1, 405	175	13, 441
29	Other cities.....	34	154	1, 176	2, 620	50, 976	48, 563	92, 177	-----	1, 081, 795
30	COLORADO.....	3	36	144	413	8, 279	7, 912	14, 584	-----	133, 703
31	Brighton.....	-----	3	13	52	833	750	1, 482	178	11, 032
32	Florence.....	-----	1	9	20	350	339	569	172	6, 377
33	Lamar.....	-----	3	14	38	780	707	1, 319	179	12, 594
34	Leadville.....	-----	2	9	20	378	361	717	179	8, 530
35	Salida.....	-----	2	15	21	461	438	857	179	7, 276
36	Other cities.....	3	25	84	262	5, 477	5, 317	9, 640	-----	87, 894
37	DELAWARE.....	-----	11	69	209	3, 465	3, 494	6, 233	-----	56, 297
38	Laurel.....	-----	3	11	47	657	657	1, 233	181	11, 222
39	Milford.....	-----	3	13	42	705	707	1, 224	180	8, 242
40	Newark.....	-----	1	12	44	728	730	1, 355	180	11, 420
41	New Castle.....	-----	2	21	29	704	700	1, 256	180	12, 081
42	Seaford.....	-----	2	12	47	671	700	1, 165	-----	13, 332
43	GEORGIA.....	-----	8	49	198	3, 766	3, 803	6, 637	-----	41, 909
44	Barnesville.....	-----	2	12	24	538	576	988	176	3, 975
45	Calhoun.....	-----	-----	6	24	479	383	747	175	5, 793
46	Hogansville.....	-----	1	5	39	697	661	1, 177	180	7, 262
47	Trion.....	-----	3	4	27	471	459	846	175	7, 156
48	West Point.....	-----	-----	8	24	423	569	941	175	5, 000
49	Other cities.....	-----	2	14	60	1, 158	1, 155	1, 938	-----	12, 723

See footnotes at end of Group V of this table.

for public-school systems, by State and by city: 1949-50—Continued

TO 4,999 POPULATION

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only					School plant		Total 4 (in thou- sands)	
Salaries and wages				Other 3	Total	Operation	Maintenance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
\$1,228,946	\$8,535,063	\$130,284,391	\$1,413,060	\$10,152,931	\$151,614,391	\$21,633,368	\$10,301,660	\$221,240
11,000	63,298	1,040,199	-----	24,829	1,139,326	85,840	49,003	1,475
-----	-----	25,245	-----	200	25,445	1,880	5,274	49
-----	4,230	55,353	-----	143	59,726	3,691	961	69
-----	12,185	85,015	-----	1,660	98,860	5,300	652	114
-----	-----	92,484	-----	3,282	95,766	5,405	1,696	119
11,000	46,883	782,102	-----	19,544	859,529	69,564	40,420	1,124
24,597	71,944	1,205,004	5,967	91,681	1,399,193	163,373	114,627	1,882
-----	5,179	79,401	-----	3,580	88,160	11,275	7,105	122
-----	5,111	35,297	-----	3,114	43,522	895	1,852	50
-----	20,478	340,570	3,920	21,486	386,454	50,982	52,610	543
3,921	10,640	89,765	-----	13,171	117,497	14,876	8,320	166
8,052	10,536	242,585	2,047	8,207	271,427	39,761	14,348	348
12,624	20,000	417,386	-----	42,123	492,133	45,584	30,392	653
6,300	240,641	2,821,796	16,387	45,553	3,130,677	320,884	127,360	4,365
-----	3,600	73,807	-----	898	78,305	6,149	-----	108
-----	8,610	92,784	-----	677	102,071	11,810	1,287	138
-----	7,820	89,393	2,012	2,499	101,724	8,842	4,267	130
6,300	10,796	126,758	864	1,000	145,718	15,450	11,352	213
-----	7,480	87,531	1,200	2,500	98,711	7,400	4,700	161
-----	202,335	2,351,523	12,311	37,979	2,604,148	271,233	105,754	3,615
168,290	809,050	13,856,763	210,644	1,788,976	16,833,723	2,971,716	1,067,047	24,799
5,000	10,000	184,671	-----	27,439	227,110	36,957	14,075	341
-----	15,000	251,230	4,350	18,025	288,605	35,830	11,815	382
-----	16,844	190,400	4,081	21,640	232,965	39,021	33,886	349
-----	13,272	178,738	4,442	28,898	225,350	21,689	29,724	358
-----	9,696	191,397	3,504	17,040	221,637	27,730	14,133	320
163,290	744,238	12,860,327	194,267	1,675,934	15,638,056	2,810,489	963,414	23,049
12,352	139,175	1,594,245	12,314	90,042	1,848,128	249,062	219,019	2,683
-----	18,848	144,839	250	16,329	180,266	24,391	14,693	279
-----	3,500	66,130	-----	3,930	73,560	10,489	2,999	104
-----	16,617	128,776	2,651	6,933	154,977	19,336	16,410	218
-----	9,583	72,308	-----	4,321	86,212	16,156	3,630	120
-----	7,374	102,257	1,150	5,399	116,180	18,043	3,337	153
12,352	83,253	1,079,935	8,263	53,130	1,236,933	160,647	177,950	1,809
-----	49,250	817,329	9,869	67,783	944,231	116,574	81,718	1,248
-----	12,950	169,392	1,784	13,094	197,220	27,360	20,323	262
-----	16,500	194,565	6,575	15,364	233,004	24,702	28,886	307
-----	3,000	121,758	-----	8,211	132,969	17,406	19,000	201
-----	8,550	151,903	1,610	16,085	178,048	24,609	-----	219
-----	8,250	179,711	-----	15,029	202,990	22,497	13,509	259
-----	27,164	522,472	5,763	25,942	581,341	48,414	22,614	829
-----	7,000	83,787	1,680	-----	92,467	-----	-----	102
-----	-----	63,102	144	5,220	68,466	3,861	938	92
-----	3,600	76,135	-----	9,368	89,103	7,926	4,719	144
-----	9,024	85,905	1,932	6,634	103,495	19,515	5,224	178
-----	-----	62,000	-----	-----	62,000	4,556	4,400	78
-----	7,540	151,543	2,007	4,720	165,810	12,556	7,333	235

Table 3.—Personnel, attendance, and current expenditure data

GROUP V.—CITIES OF 2,500 TO

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS								CURRENT EXPENDITURES FOR:
	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Aver- age daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
49 IDAHO.....	3	58	239	678	13,220	13,041	23,642	-----	161,233
50 Blackfoot.....	-----	6	19	60	1,109	1,107	1,911	173	13,688
51 Emmett.....	-----	2	16	54	986	1,091	1,766	174	10,427
52 Jerome.....	1	4	11	46	1,100	951	1,957	172	7,941
53 St. Anthony.....	1	8	18	55	1,069	1,052	1,930	174	13,526
54 Other cities.....	1	38	175	463	8,956	8,840	16,078	-----	115,651
55 ILLINOIS.....	16	86	501	1,507	25,565	24,897	45,090	-----	544,896
Anna:	-----	-----	-----	-----	-----	-----	-----	-----	-----
56 Elementary District.....	-----	-----	5	18	322	319	593	185	7,731
57 High School District.....	-----	1	8	11	262	258	450	185	3,500
58 Bradley.....	-----	1	2	21	308	268	520	186	1,898
59 Dolton.....	-----	4	4	38	694	633	1,094	195	11,685
60 East Alton-Wood River.....	1	3	20	19	439	453	812	179	13,845
61 Galva.....	1	2	9	36	433	434	770	186	7,305
62 Oglesby.....	-----	1	6	18	295	260	502	186	8,948
63 Other cities.....	14	74	447	1,346	22,812	22,272	40,349	-----	489,984
64 INDIANA.....	10	47	321	592	13,552	13,162	23,708	-----	198,968
65 Alexandria.....	-----	2	11	24	668	466	1,012	177	10,395
66 Dunkirk.....	1	2	7	18	373	374	661	173	6,512
67 East Gary.....	1	2	7	27	611	580	1,055	174	7,488
68 Gas City.....	-----	4	15	32	823	763	1,425	175	6,893
69 Union City.....	-----	1	6	19	326	341	602	176	9,577
70 Other cities.....	8	36	275	472	10,751	10,638	18,953	-----	158,103
71 IOWA.....	4	52	473	1,182	20,211	19,984	35,441	-----	371,891
72 Anamosa.....	-----	1	11	23	319	337	582	180	5,440
73 Belle Plaine.....	-----	1	5	26	333	291	555	180	4,772
74 Eagle Grove.....	-----	2	17	26	523	572	919	180	6,976
75 Pella.....	-----	2	10	22	332	334	566	180	7,571
76 Sac City.....	-----	1	11	26	406	385	718	180	4,059
77 Tipton.....	-----	1	9	28	449	449	778	179	7,379
78 Vinton.....	-----	2	16	40	723	635	1,206	180	9,929
79 Other cities.....	4	42	394	991	17,126	16,981	30,117	-----	325,765
80 KANSAS.....	9	72	314	827	14,681	14,465	25,503	-----	248,850
81 Belleville.....	2	2	11	15	321	314	567	177	6,976
82 Cherryvale.....	-----	1	11	19	363	348	645	176	7,438
83 Galena.....	-----	3	9	29	489	433	865	180	4,100
84 Herington.....	-----	3	7	21	344	363	581	177	7,888
85 Kingman.....	-----	1	10	21	355	382	613	180	6,057
86 Russell.....	-----	13	38	642	644	644	1,238	172	11,426
87 Other cities.....	7	62	253	684	12,167	11,981	20,994	-----	204,965
88 KENTUCKY.....	45	112	536	9,691	9,554	17,198	-----	-----	168,566
89 Dawson Springs.....	-----	5	11	219	275	430	773	173	5,149
90 Fulton.....	-----	4	3	23	360	337	604	176	6,797
91 Georgetown.....	-----	2	7	24	405	371	715	175	7,052
92 Harrodsburg.....	-----	2	6	27	438	451	753	176	9,395
93 Irvine.....	-----	2	4	21	378	392	716	177	6,734
94 Mount Sterling.....	-----	1	5	30	417	458	749	187	9,839
95 Murray.....	-----	3	9	26	527	523	982	180	5,250
96 Russellville.....	-----	1	4	25	491	454	850	175	9,731
97 Other cities.....	-----	30	69	349	6,456	6,293	11,399	-----	108,619

See footnotes at end of Group V of this table.

4,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ²	Total	Operation	Mainte- nance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
9, 173	177, 330	2, 120, 832	5, 783	167, 097	2, 480, 215	417, 639	188, 347	3, 913
-----	16, 741	200, 787	-----	17, 714	235, 242	47, 015	14, 102	374
-----	6, 707	112, 428	-----	5, 968	125, 103	17, 800	4, 468	173
3, 500	12, 400	141, 597	-----	3, 927	161, 424	24, 635	11, 095	242
2, 142	25, 310	181, 269	-----	20, 567	229, 288	34, 897	14, 105	343
3, 531	116, 172	1, 484, 751	5, 783	118, 921	1, 729, 158	293, 292	144, 577	2, 781
69, 977	344, 001	5, 767, 327	52, 071	409, 314	6, 642, 690	1, 162, 253	467, 834	10, 479
-----	-----	55, 393	-----	3, 810	59, 203	13, 039	651	90
-----	4, 000	61, 000	3, 700	700	69, 400	8, 900	-----	119
-----	2, 300	38, 760	-----	1, 563	42, 623	8, 013	2, 778	58
-----	14, 000	106, 535	-----	17, 923	138, 508	33, 069	3, 043	109
3, 300	12, 000	141, 223	-----	13, 926	170, 449	39, 977	4, 015	260
5, 500	9, 500	111, 518	-----	12, 934	139, 452	25, 512	6, 887	208
-----	3, 645	65, 947	2, 500	6, 082	78, 174	13, 323	311	62
61, 177	298, 556	5, 186, 901	45, 871	352, 376	5, 944, 881	1, 020, 420	450, 149	9, 412
30, 121	162, 496	2, 900, 955	16, 455	100, 002	3, 210, 029	459, 761	202, 948	4, 338
-----	10, 000	112, 790	1, 650	7, 225	131, 665	17, 016	8, 654	64
-----	8, 154	67, 007	50	2, 570	77, 781	13, 416	9, 589	109
3, 180	4, 890	98, 869	-----	1, 916	108, 855	19, 421	4, 374	141
-----	15, 337	138, 481	1, 282	5, 330	160, 430	24, 601	6, 351	209
-----	4, 500	69, 747	346	1, 793	76, 386	11, 134	8, 267	107
26, 941	119, 615	2, 414, 061	13, 127	81, 168	2, 654, 912	374, 173	165, 713	3, 602
18, 288	218, 228	4, 292, 380	17, 581	367, 740	4, 914, 217	870, 008	292, 304	7, 236
-----	5, 250	78, 196	-----	5, 964	89, 410	16, 123	2, 991	72
-----	5, 144	71, 340	1, 430	3, 990	81, 904	13, 520	3, 686	105
-----	9, 000	121, 421	-----	8, 449	138, 870	22, 963	2, 018	192
-----	8, 179	69, 454	-----	2, 110	79, 743	10, 940	5, 753	130
-----	5, 000	109, 827	-----	9, 256	124, 083	21, 140	5, 180	157
-----	4, 500	107, 923	-----	5, 439	117, 862	21, 220	3, 019	181
-----	9, 000	124, 607	-----	12, 356	145, 963	20, 899	6, 312	215
18, 288	172, 155	3, 609, 612	16, 151	320, 176	4, 136, 382	743, 203	263, 345	6, 132
31, 895	248, 187	2, 900, 541	9, 699	216, 839	3, 407, 161	463, 565	259, 473	4, 609
6, 560	5, 200	62, 709	-----	5, 996	80, 465	12, 711	6, 024	117
-----	4, 393	70, 690	1, 183	4, 991	81, 257	9, 380	6, 712	107
-----	10, 844	72, 549	486	1, 800	85, 679	10, 368	6, 109	114
-----	11, 350	65, 842	-----	4, 271	81, 463	12, 182	7, 462	116
-----	3, 395	90, 482	-----	3, 898	97, 775	12, 325	6, 039	128
-----	-----	156, 100	-----	19, 659	175, 759	16, 836	14, 709	229
25, 335	213, 005	2, 382, 169	8, 030	176, 224	2, 804, 763	389, 763	213, 418	3, 798
-----	122, 888	1, 204, 650	3, 925	35, 820	1, 367, 283	197, 008	70, 543	1, 975
-----	-----	25, 635	-----	1, 124	26, 759	3, 799	1, 762	47
-----	8, 815	41, 188	2, 009	338	52, 350	10, 736	2, 540	79
-----	5, 013	57, 176	-----	1, 925	64, 114	9, 424	5, 361	92
-----	7, 023	55, 955	-----	3, 109	66, 087	8, 648	7, 212	100
-----	4, 050	41, 708	668	815	47, 241	5, 160	1, 639	63
-----	5, 400	70, 385	-----	1, 602	77, 387	10, 662	456	111
-----	6, 000	61, 000	500	2, 350	69, 850	11, 000	-----	96
-----	3, 627	46, 376	-----	842	50, 845	8, 031	4, 492	75
82, 960	805, 227	805, 227	748	23, 715	912, 650	129, 548	47, 081	1, 312

Table 3.—Personnel, attendance, and current expenditure data

GROUP V.—CITIES OF 2,500

	City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
		Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
	1	2	3	4	5	6	7	8	9	10
98	MAINE.....		6	32	84	1,505	1,522	2,781	-----	11,288
99	Eastport.....		1	5	22	322	306	579	180	2,803
100	Ellsworth.....		1	10	23	422	461	821	180	2,735
101	Hallowell (P. O. Win- throp).....		2	4	16	320	300	557	179	3,667
102	Madison.....		2	13	23	441	455	824	180	2,083
103	MASSACHUSETTS.....	6	12	56	174	2,994	2,951	5,370	-----	55,994
104	Blackstone.....	1	1	4	14	224	233	404	177	3,888
105	Hopedale.....	3		6	16	275	263	497	175	5,416
106	Lee.....	1	2	9	19	374	355	667	181	5,275
107	Nantucket.....		3	5	17	321	261	524	175	7,133
108	Rockport.....			7	22	301	321	627	175	7,176
109	Other cities.....	1	6	25	86	1,499	1,518	2,651	-----	27,106
110	MICHIGAN.....	6	72	484	1,450	28,040	26,807	49,713	-----	579,649
111	Allegan.....		2	18	30	697	631	1,173	190	13,352
112	Bad Axe.....		1		31	398	365	678	190	12,468
113	Bessemer.....		1	12	18	313	312	563	190	11,947
114	Center Line.....	1	1	14	40	862	798	1,526	200	15,196
115	Munising.....		1	12	27	562	554	964	186	10,510
116	Northville.....		2	11	28	516	473	913	200	10,417
117	Otsego.....		1		43	777	655	1,172	190	9,861
118	Other cities.....	5	63	417	1,233	23,915	23,019	42,724	-----	495,898
119	MINNESOTA.....	5	42	350	974	17,232	17,390	30,912	-----	358,220
120	Benson.....		2	14	24	571	574	1,024	173	10,720
121	Crosby.....		2	16	42	653	637	1,228	170	13,108
122	Gilbert.....		2	8	22	292	293	520	179	16,727
123	Luverne.....		1	10	23	422	336	700	174	9,751
124	Northfield.....		1	16	36	704	666	1,211	172	12,150
125	Sauk Rapids.....			9	15	297	260	493	180	8,233
126	Sleepy Eye.....		1	6	13	225	245	431	173	8,254
127	Other cities.....	5	33	271	799	14,068	14,379	25,305	-----	279,277
128	MISSISSIPPI.....		39	116	618	12,531	12,959	21,886	-----	138,493
129	Aberdeen.....		4	7	61	1,230	1,237	2,133	180	8,490
130	Holly Springs.....		1	6	29	515	475	885	180	6,679
131	Moss Point.....		2	7	44	928	916	1,712	180	11,031
132	Oxford.....		4	9	33	681	718	1,218	180	10,050
133	Starkville.....		2	6	34	588	607	881	178	6,810
134	Other cities.....		26	81	417	8,589	9,006	15,057	-----	95,433
135	MISSOURI.....	18	87	335	1,099	21,425	20,596	37,138	-----	273,789
136	Aurora.....	1	2	7	27	489	493	908	180	4,892
137	Berkeley.....		3	6	21	386	323	638	180	8,220
138	Crystal City.....		3	6	25	386	394	709	180	9,940
139	Festus.....		3	9	31	674	642	1,159	180	5,200
140	Lamar.....		2	8	17	333	392	622	178	5,700
141	Liberty.....	1	2	7	27	525	492	933	180	3,713
142	West Plains.....		1	15	31	725	816	1,314	180	7,448
143	Other cities.....	16	71	277	920	17,907	17,044	30,855	-----	228,676
144	MONTANA.....	4	19	95	299	4,746	4,832	8,627	-----	107,022
145	Cut Bank.....		3	8	29	422	433	824	180	11,085
146	Deer Lodge.....		3	8	25	420	382	718	182	8,059
147	Glendive.....		4	10	39	499	622	1,090	181	9,167
148	Laurel.....	3	3	9	32	596	580	999	179	9,644
149	Roundup.....		1	4	21	262	255	470	180	8,333
150	Whitefish.....		1	7	27	553	531	946	180	8,119
151	Other cities.....	1	4	49	126	1,994	2,029	3,580	-----	52,616

See footnotes at end of Group V of this table.

for public-school systems, by State and by city: 1949-50—Continued

TO 4,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ³	Total	Operation	Maintenance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
	20,256	232,503	1,500	27,893	282,152	43,900	17,927	385 98
	3,500	50,566		5,767	59,833	11,311	6,264	81 99
	3,500	70,533	1,500	11,135	86,668	11,206	2,553	119 100
	6,280	27,189		2,584	36,053	7,178	1,173	50 101
	6,976	84,215		8,407	99,598	14,205	7,937	135 102
24,475	43,245	610,405	2,454	48,978	729,557	126,700	47,291	1,051 103
3,000	3,500	52,663		2,425	61,588	12,399	4,099	93 104
12,000		55,787		4,754	72,541	13,734	2,440	102 105
2,675	6,625	71,183		5,230	85,713	13,229	2,843	114 106
	6,400	74,081		6,641	87,122	15,169	2,339	127 107
		71,410		3,132	74,542	13,033	1,249	110 108
6,800	26,720	285,281	2,454	26,796	348,051	59,136	34,321	505 109
22,930	313,775	5,892,327	73,718	524,650	6,827,400	1,204,281	584,458	10,170 110
	8,400	149,677	1,500	13,709	173,286	27,290	23,452	251 111
	4,799	96,160		7,841	108,800	4,424	8,564	149 112
	3,142	64,880	1,000	11,501	80,523	29,823	10,388	144 113
3,880	5,000	195,810	2,200	16,010	222,900	29,059	14,423	293 114
	5,800	109,418	696	8,413	124,327	34,121	7,524	193 115
	8,983	135,248	2,900	7,735	154,866	27,947	6,534	209 116
	4,672	118,969	1,194	7,240	132,075	18,250	7,280	193 117
19,050	272,979	5,022,165	64,228	452,201	5,830,623	1,033,367	506,293	8,738 118
23,700	195,389	3,788,883	13,270	376,288	4,397,530	782,349	285,254	6,756 119
	7,800	107,954		9,205	124,959	19,203	3,644	189 120
	11,149	155,093		14,783	181,025	40,441	23,765	276 121
	11,500	83,225	1,820	20,212	116,757	48,529	7,737	226 122
	3,900	98,466		8,938	111,304	15,262	8,400	150 123
	6,620	163,689	1,200	16,518	188,027	23,837	14,388	269 124
		56,911		4,108	61,019	14,022	7,416	97 125
	2,650	53,231		5,463	61,344	9,912	2,796	84 126
23,700	151,770	3,070,314	10,250	297,061	3,553,095	611,143	217,108	5,465 127
	110,354	1,276,704	6,833	42,507	1,436,398	128,251	82,556	1,906 128
	11,060	82,092	2,025	4,079	99,256	7,501	7,721	134 129
	2,000	50,480		1,500	53,980	4,850	4,735	79 130
	8,000	108,233			116,233	11,932	17,678	171 131
	9,000	91,625	2,700	3,250	106,575	8,412	2,700	133 132
	7,375	94,130		1,497	103,002	7,009	1,240	124 133
	72,919	850,144	2,108	32,181	957,352	88,547	48,482	1,265 134
64,530	297,383	3,288,975	27,059	335,352	4,013,299	579,955	221,854	6,185 135
5,850	5,594	71,703	561	9,419	96,127	7,338	6,782	123 136
	12,393	60,896	581	3,849	77,719	9,758	1,014	107 137
	10,800	89,316		7,315	107,431	15,454	15,438	161 138
	9,968	91,869	2,435	9,295	113,567	10,817	3,636	152 139
	5,764	56,698		6,872	69,334	9,867	2,977	113 140
2,600	7,050	91,763	1,770	9,453	112,636	16,074	4,161	171 141
	3,700	101,242	1,000	5,572	114,514	15,205	4,403	206 142
56,080	239,114	2,725,488	20,712	280,577	3,321,971	495,442	183,443	5,152 143
14,186	69,392	1,134,973	5,587	94,072	1,318,210	218,464	191,289	2,094 144
	11,100	118,444		11,266	140,810	16,875	54,482	251 145
	11,234	99,227		6,677	117,138	17,824	16,708	219 146
	17,800	153,122	3,007	5,278	179,207	15,758	31,102	275 147
10,670	11,966	106,419		9,709	138,764	35,860		200 148
	3,100	70,773		4,799	78,672	13,150	21,019	130 149
	4,602	107,952		11,217	123,771	19,052	7,141	178 150
3,516	9,590	479,036	2,580	45,126	539,848	99,945	60,837	841 151

Table 3.—Personnel, attendance, and current expenditure data

GROUP V.—CITIES OF 2,500

City	PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Aver- age daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
152 NEBRASKA.....	4	31	134	457	8,372	8,135	14,470	-----	135,488
153 Broken Bow.....	-----	-----	7	23	460	416	779	180	8,059
154 Holdrege.....	-----	3	11	24	421	411	792	178	8,154
155 Schuyler.....	-----	1	-----	28	315	316	601	178	5,426
156 Seward.....	2	1	8	15	287	283	527	176	8,227
157 Sidney.....	1	3	11	31	449	449	764	180	7,982
158 West Point.....	-----	2	5	13	160	194	318	179	6,550
159 Other cities.....	1	21	92	323	6,280	6,066	10,689	-----	91,090
160 NEVADA.....	-----	3	26	39	757	758	1,337	-----	30,974
161 Elko (County High School Dist.) Ely; Elementary Dis- trict).	-----	2	12	10	177	212	326	181	13,764
162 High-School Dis- trict).	-----	-----	3	17	302	294	531	177	7,834
163 Other cities.....	-----	1	11	12	278	252	480	181	9,376
164 NEW HAMPSHIRE.....	-----	4	13	44	636	697	1,228	-----	12,098
165 Littleton.....	-----	3	7	19	290	318	544	177	7,020
166 Milford.....	-----	1	6	25	346	379	684	175	5,078
167 NEW JERSEY.....	11	67	345	1,376	22,488	21,633	37,983	-----	407,861
168 Belmar.....	1	1	1	24	281	281	483	180	2,446
169 Cape May.....	-----	3	10	16	313	305	488	181	7,990
170 Hillsdale.....	-----	1	2	17	319	274	487	182	2,085
171 New Milford.....	-----	2	7	22	458	419	741	180	2,308
172 Wanaque.....	1	-----	3	15	261	222	419	182	2,303
173 Other cities.....	9	60	322	1,282	20,856	20,132	35,365	-----	390,729
174 NEW MEXICO.....	2	22	122	340	7,253	7,025	11,245	-----	115,792
175 Deming.....	-----	3	17	48	1,104	1,102	1,579	180	13,991
176 Hot Springs.....	-----	2	9	33	740	706	1,014	180	10,580
177 Lordsburg.....	-----	2	6	31	519	528	845	180	10,440
178 Socorro.....	-----	2	10	27	634	461	813	180	9,646
179 Other cities.....	2	13	80	201	4,356	4,228	6,994	-----	71,135
180 NEW YORK.....	35	126	937	2,822	47,179	44,338	79,100	-----	718,145
181 Albion.....	-----	1	10	42	649	612	1,078	177	12,622
182 Fort Plain.....	-----	1	9	23	344	312	587	182	3,263
183 Goshen.....	-----	1	18	32	596	504	928	180	11,630
184 Homer.....	-----	2	6	46	744	642	1,191	190	9,495
185 Palmyra.....	-----	2	10	44	665	494	1,044	180	4,521
186 Saugerties.....	1	1	14	28	482	430	798	179	11,894
187 Suffern.....	1	2	26	49	940	853	1,573	177	29,168
188 Other cities.....	33	116	844	2,558	42,759	40,491	71,901	-----	635,552
189 NORTH CAROLINA.....	3	50	134	728	13,764	13,490	24,191	-----	136,782
190 Marion.....	-----	7	10	69	1,348	1,349	2,460	180	9,600
191 North Wilkesboro.....	-----	1	6	30	601	554	1,003	180	8,685
192 Southern Pines.....	-----	2	-----	33	545	484	862	180	9,764
193 Wadesboro.....	-----	3	7	47	914	917	1,641	180	8,598
194 Other cities.....	3	37	111	549	10,356	10,186	18,225	-----	100,135
195 NORTH DAKOTA.....	-----	2	14	42	831	825	1,453	-----	8,157
196 Grafton.....	-----	1	8	22	467	442	798	180	5,358
197 Wahpeton.....	-----	1	6	20	364	383	655	180	2,799

See footnotes at end of Group V of this table.

for public-school systems, by State and by city: 1949-50—Continued

TO 4,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ¹	Total	Operation	Mainte- nance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
12, 027	95, 075	1, 418, 706	6, 799	122, 693	1, 655, 300	244, 637	82, 245	2, 098
-----	-----	84, 136	1, 723	250	86, 109	6, 941	5, 550	118
-----	9, 057	88, 560	1, 166	8, 512	107, 295	14, 010	7, 938	141
-----	4, 008	75, 844	340	5, 733	85, 925	11, 129	2, 180	108
4, 575	3, 500	47, 096	-----	4, 532	59, 703	6, 422	1, 571	85
5, 690	12, 818	89, 396	-----	15, 191	123, 095	19, 224	7, 004	159
-----	6, 499	52, 157	900	5, 600	65, 156	10, 347	2, 194	88
1, 762	59, 193	981, 517	2, 670	82, 875	1, 128, 017	176, 564	55, 808	1, 399
-----	11, 600	210, 489	-----	23, 472	245, 561	56, 297	13, 805	382
-----	8, 000	64, 117	-----	6, 709	78, 826	23, 569	5, 559	127
-----	-----	65, 330	-----	6, 388	71, 718	10, 380	5, 133	99
-----	3, 600	81, 042	-----	10, 375	95, 017	22, 348	3, 113	156
-----	11, 500	144, 961	-----	12, 359	168, 820	21, 371	3, 881	239
-----	4, 300	66, 911	-----	5, 509	76, 720	10, 799	2, 267	116
-----	7, 200	78, 050	-----	6, 850	92, 100	10, 572	1, 614	123
43, 700	283, 206	5, 024, 903	100, 643	444, 262	5, 896, 714	908, 332	531, 764	9, 856
3, 300	5, 150	64, 913	2, 000	2, 825	78, 188	11, 816	13, 403	154
-----	15, 794	74, 458	1, 455	2, 074	93, 781	16, 658	6, 197	126
-----	5, 100	67, 002	1, 104	3, 796	77, 002	12, 503	3, 526	141
-----	7, 000	83, 384	2, 537	5, 549	98, 470	18, 673	4, 730	164
3, 700	-----	40, 583	-----	8, 662	52, 945	10, 052	3, 640	122
36, 700	250, 162	4, 694, 563	93, 547	421, 356	5, 496, 328	838, 630	500, 268	9, 149
9, 800	86, 128	1, 605, 629	16, 522	50, 051	1, 768, 130	168, 887	58, 824	2, 365
-----	15, 444	236, 664	4, 299	5, 906	262, 313	28, 716	7, 700	352
-----	9, 000	133, 951	1, 550	6, 767	151, 268	14, 418	1, 874	186
-----	8, 650	124, 690	-----	4, 701	138, 041	10, 665	7, 182	177
-----	9, 300	128, 645	628	7, 766	146, 339	11, 941	588	182
9, 800	43, 734	981, 679	10, 045	24, 911	1, 070, 169	103, 147	41, 480	1, 468
164, 606	595, 124	11, 486, 753	258, 981	964, 477	13, 469, 941	2, 069, 584	1, 230, 177	20, 854
-----	4, 450	145, 290	1, 365	8, 686	159, 791	23, 849	14, 897	235
-----	5, 300	84, 436	1, 070	5, 412	96, 218	15, 509	10, 565	148
-----	5, 675	142, 230	4, 667	15, 616	168, 188	33, 891	14, 865	277
-----	10, 650	139, 810	1, 664	12, 513	164, 637	20, 514	19, 947	263
-----	7, 890	135, 067	2, 587	5, 748	151, 292	23, 806	34, 798	251
4, 500	4, 500	128, 462	-----	11, 881	149, 343	21, 656	9, 219	219
7, 000	(7)	279, 470	8, 633	30, 640	325, 743	52, 057	42, 545	548
153, 106	556, 659	10, 431, 988	238, 995	873, 981	12, 254, 729	1, 878, 302	1, 083, 341	18, 913
7, 181	190, 846	2, 202, 159	4, 709	74, 074	2, 478, 969	168, 732	103, 547	3, 232
-----	25, 668	196, 141	-----	9, 069	230, 878	15, 838	5, 642	276
-----	4, 746	92, 218	-----	1, 820	98, 784	6, 703	4, 061	136
-----	8, 607	94, 444	-----	1, 911	104, 062	10, 486	2, 377	155
-----	11, 748	141, 916	215	6, 965	160, 844	18, 273	21, 072	214
7, 181	140, 077	1, 677, 440	4, 494	54, 309	1, 883, 501	117, 432	70, 395	2, 451
-----	3, 000	155, 460	-----	13, 851	172, 311	33, 292	13, 607	235
-----	3, 000	81, 431	-----	6, 654	91, 135	17, 635	8, 378	128
-----	-----	73, 979	-----	7, 197	81, 176	15, 557	8, 229	107

Table 3.—Personnel, attendance, and current expenditures data

GROUP V.—CITIES OF 2,500

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:	
City		Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
				Men	Women	Boys	Girls			
1		2	3	4	5	6	7	8	9	10
198 OHIO.....		8	78	611	1,602	32,182	31,311	57,991	-----	567,653
199 Bay Village.....		2	3	7	27	508	435	873	175	14,560
200 Cadiz.....		-----	1	10	25	427	428	726	172	7,148
201 Glouster.....		-----	-----	5	18	329	319	605	177	5,980
202 Pomeroy.....		-----	2	13	16	399	352	690	174	8,040
203 Rittman.....		-----	2	6	25	420	494	843	180	6,316
204 Sebring.....		-----	1	6	27	466	504	865	176	9,600
205 Westerville.....		-----	1	15	29	682	688	1,288	180	11,074
206 Other cities.....		6	68	549	1,435	28,951	28,091	52,101	-----	504,935
207 OKLAHOMA.....		4	106	248	881	17,792	17,052	29,959	-----	288,776
208 Drumright.....		1	3	6	36	686	681	1,137	177	11,679
209 Mangum.....		-----	4	5	33	525	514	794	176	5,800
210 Marlow.....		-----	3	6	25	502	494	835	178	10,164
211 Pawnee.....		1	2	9	24	498	443	827	178	5,765
212 Other cities.....		2	94	222	763	15,581	14,920	26,366	-----	255,368
213 OREGON.....		6	65	289	752	14,234	13,822	24,487	-----	241,052
214 Ashland.....		-----	6	19	45	941	943	1,576	174	11,708
215 Coquille.....		-----	-----	15	28	563	592	923	180	31,761
216 Dallas.....		-----	3	15	39	741	671	1,150	177	10,170
217 Lebanon.....		1	3	17	47	932	940	1,565	182	11,470
218 Ontario.....		-----	4	16	47	939	905	1,667	178	5,993
219 Silverton.....		-----	3	11	31	539	530	909	180	9,294
220 Other cities.....		5	46	196	515	9,579	9,241	16,697	-----	160,656
221 PENNSYLVANIA.....		22	144	1,210	2,887	52,280	51,821	96,604	-----	825,912
222 Aspinwall.....		-----	1	7	29	398	416	756	190	6,800
223 Birdsboro.....		-----	1	8	18	269	265	504	180	4,209
224 Lemoyne.....		1	1	13	21	456	415	806	180	5,618
225 Norwood.....		-----	1	1	15	159	136	276	182	3,682
226 Patton.....		-----	1	7	22	380	337	674	180	5,942
227 Swarthmore.....		-----	2	14	29	436	439	796	184	8,055
228 Towanda.....		1	1	10	25	531	509	810	180	704
229 Other cities.....		20	136	1,150	2,728	49,651	49,304	91,982	-----	790,902
230 RHODE ISLAND.....		-----	-----	-----	-----	-----	-----	-----	-----	-----
231 East Greenwich.....		-----	1	8	25	456	391	752	180	7,209
232 SOUTH CAROLINA.....		-----	50	179	1,009	17,891	18,526	31,138	-----	142,921
233 Bamberg.....		-----	4	3	48	809	735	1,333	180	5,193
234 Batesburg-Leesville (P. O. Batesburg).		-----	3	11	43	723	724	1,238	180	8,336
235 Clover.....		-----	1	8	31	663	645	1,093	180	6,180
236 Mullins.....		-----	2	13	47	949	986	1,704	180	2,614
237 North Augusta.....		-----	1	2	33	583	607	1,027	180	5,681
238 Woodruff.....		-----	4	7	48	910	863	1,526	180	7,542
239 Other cities.....		-----	35	135	759	13,254	13,966	23,217	-----	107,375
240 SOUTH DAKOTA.....		-----	7	81	168	2,927	3,065	5,398	-----	51,156
241 Canton.....		-----	-----	12	15	281	283	519	176	4,368
242 Pierre.....		-----	-----	13	35	494	526	976	177	7,526
243 Sisseton.....		-----	1	11	17	353	366	655	174	4,669
244 Vermillion.....		-----	4	12	21	347	390	700	179	9,213
245 Other cities.....		-----	2	33	80	1,452	1,500	2,548	-----	25,380
246 TENNESSEE.....		1	12	29	239	4,457	4,417	7,955	-----	36,906
247 Clinton.....		-----	1	3	20	361	396	678	175	8,176
248 McMinnville.....		-----	1	4	23	606	568	1,040	175	2,625
249 Sparta.....		-----	1	1	23	424	408	671	180	534
250 Sweetwater.....		-----	1	-----	24	378	375	682	180	852
251 Tullahoma.....		-----	2	8	46	884	892	1,544	177	6,010
252 Other cities.....		1	6	13	103	1,804	1,778	3,340	-----	18,709

See footnotes at end of Group V of this table.

for public-school systems, by State and by city: 1949-50—Continued

TO 4,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued								
Instruction in full-time day schools, only						School plant		Total 4 (in thou- sands)
Salaries and wages				Other 3	Total	Operation	Mainte- nance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
15, 775	292, 677	5, 863, 968	43, 689	408, 807	6, 624, 916	1, 170, 932	535, 428	10, 233 198
-----	12, 760	129, 604	6, 217	9, 010	157, 591	33, 760	8, 170	261 199
-----	2, 944	78, 422	-----	4, 367	85, 733	12, 910	6, 036	114 200
-----	-----	52, 339	-----	4, 415	56, 754	8, 203	3, 181	84 201
-----	6, 800	68, 266	832	1, 745	77, 643	11, 457	10, 633	111 202
-----	7, 225	85, 173	1, 700	1, 327	95, 425	17, 588	3, 479	131 203
-----	4, 000	76, 172	-----	5, 451	85, 623	25, 939	6, 544	129 204
-----	3, 580	121, 851	-----	7, 481	132, 912	26, 384	4, 944	236 205
15, 775	255, 368	5, 252, 141	34, 940	375, 011	5, 933, 235	1, 034, 691	492, 441	9, 167 206
19, 483	354, 625	3, 050, 526	1, 500	109, 271	3, 535, 405	313, 820	207, 234	4, 727 207
3, 110	10, 568	112, 695	-----	4, 783	131, 156	20, 141	15, 928	190 208
-----	12, 700	101, 818	1, 500	9, 999	126, 017	8, 476	8, 579	159 209
-----	10, 800	79, 859	-----	4, 660	95, 319	7, 244	380	133 210
4, 700	6, 300	80, 398	-----	6, 993	98, 391	6, 472	4, 163	128 211
11, 673	314, 257	2, 675, 756	-----	82, 836	3, 084, 522	271, 487	178, 184	4, 117 212
33, 448	316, 748	3, 524, 494	42, 344	247, 731	4, 164, 765	645, 982	296, 414	6, 240 213
-----	18, 449	193, 242	5, 057	16, 984	233, 732	47, 131	26, 952	357 214
-----	-----	112, 555	-----	10, 266	122, 821	-----	11, 985	195 215
-----	12, 800	178, 121	1, 080	6, 190	198, 191	19, 688	7, 200	266 216
7, 238	14, 154	197, 463	1, 429	9, 477	229, 761	26, 831	13, 745	323 217
-----	14, 000	227, 173	-----	17, 303	258, 476	32, 835	7, 885	345 218
-----	9, 405	134, 162	-----	7, 494	151, 061	11, 246	10, 389	194 219
26, 210	247, 940	2, 481, 778	34, 778	180, 017	2, 970, 723	508, 251	218, 258	4, 560 220
84, 221	584, 246	10, 865, 715	184, 640	1, 160, 777	12, 879, 599	1, 751, 205	875, 503	17, 914 221
-----	4, 000	102, 000	2, 000	13, 492	121, 492	19, 747	4, 000	162 222
-----	3, 950	55, 529	-----	7, 212	66, 691	13, 521	3, 782	96 223
4, 625	3, 950	100, 717	2, 349	8, 018	119, 659	18, 183	2, 979	155 224
-----	4, 125	35, 943	1, 000	3, 693	44, 761	4, 756	2, 381	123 225
-----	3, 300	71, 080	-----	17, 299	91, 679	3, 067	-----	107 226
-----	13, 132	154, 394	8, 393	13, 423	189, 342	30, 054	9, 729	266 227
4, 350	1, 975	115, 880	1, 895	4, 432	128, 532	14, 315	19, 232	174 228
75, 246	549, 814	10, 230, 172	169, 003	1, 093, 208	12, 117, 443	1, 647, 562	833, 400	16, 831 229
-----	3, 800	93, 616	2, 274	5, 381	105, 071	16, 858	5, 900	145 230
-----	148, 580	2, 280, 091	1, 450	74, 631	2, 504, 752	186, 586	134, 140	3, 520 232
-----	14, 136	72, 870	-----	1, 508	88, 514	4, 590	1, 264	119 233
-----	10, 013	104, 520	850	724	116, 107	8, 964	8, 862	211 234
-----	3, 145	73, 065	-----	1, 215	77, 425	7, 109	2, 561	121 235
-----	4, 762	121, 232	-----	7, 254	133, 248	8, 692	6, 567	181 236
-----	3, 210	70, 028	-----	2, 002	75, 240	4, 291	12, 013	98 237
-----	9, 415	118, 398	-----	2, 564	130, 377	5, 889	3, 355	168 238
-----	103, 899	1, 719, 978	600	59, 364	1, 833, 841	147, 051	99, 518	2, 622 239
-----	24, 382	662, 058	3, 210	71, 484	761, 134	133, 708	34, 730	1, 058 240
-----	-----	70, 493	-----	6, 550	77, 043	13, 701	6, 097	108 241
-----	-----	131, 749	-----	13, 809	145, 558	34, 446	9, 155	205 242
-----	3, 665	68, 620	120	8, 505	80, 910	13, 192	1, 023	103 243
-----	13, 050	90, 995	-----	6, 985	111, 030	7, 580	1, 300	137 244
-----	7, 667	300, 201	3, 090	35, 635	346, 593	64, 789	17, 155	505 245
2, 550	35, 728	590, 935	2, 319	25, 738	657, 270	66, 368	17, 255	831 246
-----	2, 466	49, 208	-----	1, 937	53, 611	6, 119	689	87 247
-----	2, 305	68, 000	300	2, 000	72, 605	9, 000	1, 000	87 248
-----	3, 303	44, 519	1, 170	2, 100	51, 092	4, 778	1, 202	63 249
-----	3, 583	40, 000	-----	2, 242	45, 805	4, 659	1, 676	56 250
-----	7, 206	139, 668	-----	4, 793	151, 667	14, 115	2, 331	187 251
2, 550	16, 886	249, 540	849	12, 666	282, 490	27, 607	10, 367	361 252

Table 3.—Personnel, attendance, and current expenditure data

GROUP V.—CITIES OF 2,500

		PERSONNEL AND ATTENDANCE IN FULL-TIME DAY SCHOOLS							CURRENT EXPENDITURES FOR:
City	Super- visors (posi- tions)	Prin- cipals (posi- tions)	Instructional staff ¹ (positions)		Enrollment		Average daily attend- ance	Length of school year (days taught)	Adminis- tration (general control)
			Men	Women	Boys	Girls			
1	2	3	4	5	6	7	8	9	10
253 TEXAS.....	26	253	1,097	3,884	67,241	64,580	112,272	-----	1,381,640
254 Ballinger.....	-----	1	10	47	826	819	1,217	176	15,142
255 Comanche.....	-----	1	9	29	525	471	909	175	8,271
256 Stephenville.....	1	2	11	46	730	725	1,299	177	12,330
257 Taft.....	-----	3	9	34	582	498	864	175	11,867
258 Other cities.....	25	246	1,058	3,728	64,578	62,067	107,983	-----	1,334,030
259 VERMONT.....	5	7	18	68	1,073	1,123	2,017	-----	14,757
260 Newport.....	1	4	5	23	343	338	644	173	4,538
261 Waterbury.....	1	1	6	22	305	339	584	175	3,761
262 Windsor.....	3	2	7	23	425	446	789	176	6,458
263 VIRGINIA.....	1	4	18	104	1,984	1,787	3,274	-----	26,318
264 Buena Vista.....	-----	1	-----	28	530	486	909	180	3,351
265 Falls Church (Elementary).	-----	1	1	31	605	505	929	180	12,900
266 Williamsburg.....	1	2	17	45	849	796	1,436	180	10,067
267 WASHINGTON.....	17	76	391	922	20,406	18,904	32,959	-----	301,597
268 Auburn.....	1	5	27	70	1,517	1,444	2,469	174	27,189
269 Chehalis.....	1	4	17	37	777	736	1,299	172	13,870
270 Colfax.....	-----	3	13	24	471	390	774	172	9,697
271 Dayton.....	-----	2	9	19	424	377	693	179	8,903
272 Kent.....	3	4	19	68	1,444	1,272	2,244	171	24,703
273 Mount Vernon.....	1	4	29	42	1,070	874	1,627	174	16,045
274 Omah.....	-----	4	15	32	700	691	1,126	174	9,916
275 Other cities.....	11	50	262	630	14,003	13,120	22,727	-----	191,274
276 WISCONSIN.....	16	52	397	971	16,531	16,438	30,074	-----	255,904
277 Algoma.....	1	-----	9	12	233	241	456	181	4,607
278 Burlington.....	-----	1	10	25	386	386	656	180	11,199
279 Greendale.....	-----	1	-----	43	468	435	826	186	9,020
280 Hurley.....	5	7	8	38	576	553	1,033	174	5,318
281 Lake Geneva.....	-----	1	14	25	505	494	908	176	10,736
282 Spooner.....	-----	1	14	25	475	507	900	175	7,440
283 Tomah.....	-----	1	12	29	506	496	933	175	13,869
284 Other cities.....	10	40	330	774	13,382	13,326	24,362	-----	193,715
285 WYOMING.....	-----	13	57	184	3,472	3,341	5,890	-----	67,745
286 Cody.....	-----	2	12	41	706	619	1,127	176	13,551
287 Evanston.....	-----	5	5	30	459	472	817	176	7,818
288 Green River.....	-----	2	8	21	400	433	720	174	9,027
Lander:	-----	-----	-----	-----	-----	-----	-----	-----	-----
289 Elementary District.....	-----	1	2	19	371	303	564	175	6,339
290 High School District.....	-----	1	6	5	147	149	289	172	8,987
291 Riverton.....	-----	2	13	32	584	616	1,089	180	8,665
Worland:	-----	-----	-----	-----	-----	-----	-----	-----	-----
292 Elementary District.....	-----	-----	3	30	663	583	998	174	6,321
293 High School District.....	-----	-----	8	6	142	166	286	174	7,037

¹ Includes persons rendering services supplementary to classroom instruction in libraries, study halls, guidance, health, psychological work, etc., provided half or more than half of their employment time is given to such instructional work.

² The actual number of days in the school year that children were taught.

³ Includes instructional supplies; textbooks free to all pupils; school library books, and other expense, including salaries of full-time librarians. The expenditure for textbooks furnished gratis to indigent pupils, only, is classified as an Auxiliary Services item, and reported accordingly.

⁴ Includes amounts shown in columns 10, 11, 12, 13, 14, 15, 17, 18, plus amounts not shown but reported by city school systems as expenditures for the following current accounts: Auxiliary school services; fixed

for public-school systems, by State and by city: 1949-50—Continued

TO 4,999 POPULATION—Continued

CURRENT EXPENDITURES FOR—Continued

Instruction in full-time day schools, only						School plant		Total ⁴ (in thou- sands)
Salaries and wages				Other ¹	Total	Operation	Maintenance	
Super- visors	Principals	Teachers	Clerks					
11	12	13	14	15	16	17	18	19
155,462	1,159,123	14,587,918	116,490	594,300	16,613,293	1,314,458	637,860	22,241
	4,980	126,150		4,569	135,699	11,903	2,895	176
	3,890	112,213		2,264	118,367	5,946	1,896	178
4,660	13,557	175,988	1,505	3,147	198,857	9,988	2,554	247
	11,770	121,849		8,748	142,367	10,463	7,203	195
150,802	1,124,926	14,051,718	114,985	575,572	16,018,003	1,276,158	623,312	21,445
18,115	22,248	189,941	1,300	13,204	244,808	57,586	23,618	358
2,961	11,348	62,397		8,067	84,773	16,430	11,712	119
5,600	3,900	56,284		2,530	68,314	15,654	1,583	98
9,554	7,000	71,260	1,300	2,607	91,721	25,502	10,323	141
2,700	15,302	281,141	6,638	20,463	326,244	40,340	32,854	446
	2,610	59,423		4,501	66,534	7,722	7,744	86
	4,710	69,634	2,396	2,271	79,011	11,989	8,751	121
2,700	7,982	152,084	4,242	13,691	180,699	20,629	16,359	239
78,484	345,574	4,331,825	75,222	392,318	5,223,423	792,257	484,332	7,988
6,193	26,003	330,698	6,893	29,767	399,554	43,940	42,554	618
3,660	16,308	177,807	1,247	15,616	214,638	38,210	66,641	386
	12,860	122,942	60	10,000	145,862	17,942	3,192	216
	8,100	91,211		13,027	112,338	16,549	12,036	178
12,317	19,400	304,061	4,010	21,321	361,109	52,293	41,696	579
3,300	19,960	237,467	6,262	29,144	296,133	49,352	17,278	403
	16,550	153,044		12,594	182,188	25,680	11,509	261
53,014	226,393	2,914,595	56,750	260,849	3,511,601	548,291	289,426	5,347
49,580	186,005	3,771,208	42,934	377,167	4,426,894	737,742	361,000	6,724
2,303		57,484	995	5,477	66,259	10,542	5,342	97
	4,000	98,327		9,012	111,339	18,572	25,015	180
	5,700	128,698	3,058	16,312	153,768	27,750	985	212
15,593	24,407	114,552	3,563	17,857	175,972	41,298	17,000	286
	4,737	117,723	1,400	10,216	134,076	20,795	11,778	201
	4,836	106,591	1,418	13,154	125,999	17,120	16,298	217
	4,470	111,651		9,330	125,451	24,833	6,569	205
31,684	137,855	3,036,182	32,500	295,809	3,534,030	576,832	278,013	5,326
	46,100	672,632	4,517	65,062	788,311	124,397	24,076	1,176
	7,644	169,032		15,019	191,695	25,427	4,962	289
	15,803	83,560		6,669	106,032	16,413	3,983	153
	11,000	83,104		9,476	103,580	21,354	3,524	144
		46,849		5,725	52,574	6,087	2,335	75
	3,987	36,037		7,390	47,414	7,206	2,862	99
	7,666	124,759	4,517	11,270	148,212	13,059	1,155	188
		87,916		5,530	93,446	16,919	2,978	145
		41,375		3,983	45,358	17,932	2,277	83

charges; community services to public and nonpublic schools paid from school district funds; and adult and summer schools. This total figure covers all school current expenditures whether or not same are directly allocable as a charge against per pupil in average daily attendance cost for the public-school system reporting.

¹ Distribution by sex not reported. Total for 1949-50 has been divided on basis of previous biennial reports to this office.

² Supervisory and high-school principals. Both serve also as administrators.

³ Expenditure for these salaries classified as Administration.

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Biennial Survey of Education in the United States—1948-50

Chapter 4

SECTION I

Statistics of
Higher Education:
Faculty, Students,
and Degrees

1949-50



Biennial Survey of Education in the United States, 1948-50

The following chapters will be included in the Biennial Survey for 1948-50:

Chapter 1. Statistical Summary of Education, 1949-50.

Chapter 2. Statistics of State School Systems, 1949-50.

Chapter 3. Statistics of City School Systems, 1949-50.

Chapter 4. Statistics of Higher Education:

Section I. Faculty, Students, and Degrees, 1949-50.

Section II. Receipts, Expenditures, and Property, 1949-50.

Chapter 5. Offerings and Enrollments in High-School Subjects, 1948-49. 30 cents.

Each part of the Biennial Survey is printed separately as soon as completed.

Chapter 4

Section I

Statistics of
Higher Education:
Faculty, Students
and Degrees

HENRY G. BADGER, *Specialist in Educational Statistics*, prepared the text, under the general direction of EMERY M. FOSTER, *Head, Reports and Analysis Unit*.

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FEDERAL SECURITY AGENCY • OSCAR R. EWING, *Administrator*
Office of Education • EARL JAMES McGRATH, *Commissioner*

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FOREWORD

THE COMPLEXITIES of modern life and the accumulation of useful organized knowledge have made higher education increasingly essential. Fortunately, the variety and quality of training now offered at the colleges and universities of the Nation far exceed what was available only 50 years ago. Given the necessary financial support, there is no doubt that higher education will continue to expand both in scope and in value.

This chapter brings down to the middle of the century the series of statistical and analytical reports on higher education begun in 1870, carried on annually to 1916, and continued on a biennial basis from 1918 to the present. For the first time, the report on statistics of higher education is being issued in two sections: Section I, on faculty, students, and degrees; and Section II, on receipts, expenditures, and property. The purpose of the division is to permit publication of each section as soon as it is ready.

The chapter is based on reports from the higher educational institutions in the 48 States, the District of Columbia, and the outlying parts of the United States. To the recorders, registrars, business officers, and comptrollers who supplied the data on which the chapter is based, the Office of Education wishes to express its deep appreciation.

HERBERT S. CONRAD,

Chief, Research and Statistical Standards Section.

BUELL G. GALLAGHER,

*Assistant Commissioner for Program
Development and Coordination.*

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Statistics of Higher Education: Faculty, Students, and Degrees

THE ACADEMIC YEAR 1949-50 marked the close of a half century of profound social, political, economic, and military changes which could not but influence higher education. Not only did the United States double in population during the period, but a Nation 60 percent rural in 1900 became a Nation 60 percent urban in 1950. Wars and social and economic disturbances of various sorts likewise had their effect on the number and personal characteristics of teachers and students, the curriculum, the financial structure, even the location of institutions and their relation to their individual communities and the Nation. The present report constitutes a statistical record of higher education for 1949-50; it also provides some suggestion and material for appraisal of that record in terms of some of the long-term changes in the Nation.

Statistical reports for 1949-50 were prepared by 1,851¹ institutions of higher education located in continental United States and 5 institutions located in its outlying parts. Except where otherwise specified, this report deals only with the institutions in continental United States. It should be emphasized that the summarizations are quantitative: No appraisal of quality is implied beyond the criterion of recognition of every institution either by an accrediting association or by its sister institutions through the acceptance of its credits at full value. These criteria employed for the inclusion of the institutions in the listings in the 1949-50 *Education Directory* are as follows:

1. Institutions accredited or approved by a Nation-wide, State, regional, or professional agency, or operating under State control are eligible for inclusion.
2. Other institutions are eligible for inclusion if their credits are accepted unconditionally (at full value) by not fewer than three fully accredited institutions. To be listed, a nonaccredited degree-grant-

¹ The difference between this number and the 1,868 reported in the Statistical Summaries (Circular 326 and Circular 332) is due to the exclusion of 18 one-year normal schools in Michigan and the inclusion of an additional institution in the count for California in the present publication. Because of (1) the variation in the method of reporting branches and (2) changes in the classification of institutions, the total number of institutions, and the number of any one type are flexible figures.

ing institution which includes liberal arts or teacher education in its offerings should enroll at least 100 resident students of college grade in its regular session and should graduate at least 10 students a year. For an independent professional or technological school, the corresponding requirements are 25 resident college students and 5 graduates annually. A nonaccredited junior college should require highschool graduation for entrance, offer 2 years of college work, and enroll at least 50 resident students a year.

Branch institutions are not counted or reported separately but are reported under their parent institutions.

Number and Distribution of Institutions

Applying the above-mentioned limitations to the present inquiry yields a continental United States total of 1,851 institutions as of the school year 1949-50. Of this group 1,109, or 59.9 percent, were of the university, college, and professional school type; 218, or 11.8 percent, were teachers colleges; and 524, or 28.3 percent, were 2-year institutions, junior colleges, or normal schools. For the purposes of this chapter the term "junior colleges" includes technical institutes as well as junior colleges of an academic type.

General Trends

The expansion of American higher education, which has been persistent and virtually uninterrupted for at least 50 or 60 years, continued into 1949-50. The number of institutions rose to 1,851 during 1949-50, marking an increase of 3.5 percent over the 1947-48 total of 1,788, and a gain of 89.5 percent, or 874 institutions, over the 977 reported in 1900.

The number of staff members also rose sharply. Whereas in 1900 only 1 person in every 3,184 of the total population of the United States was a full-time or part-time member of a college or university faculty, in 1950, 1 in every 613 was so employed. The increase in employment of women as college teachers ² was more striking than that of men. During the 50-year period, the total number of different men on college faculties was multiplied by 9.7, but that of women was multiplied by 12.8 (tables 1 and 2).³

² Throughout this chapter the term "college" is used to include not only 4-year colleges proper, but also junior colleges, technical or professional institutions offering work of college grade, universities, and institutions for the education of teachers. The terms "institutions" and "colleges" are synonymous, unless otherwise specified.

³ Throughout this chapter, tables with Roman numerals are derivative tables and will be found in various places in the textual discussion. Tables with Arabic numerals present National and State summaries and will be found in serial order following the text.

Table I.—Number of institutions of higher education, by control, type, region, and State: 1949-50

States, by region	All institutions				Publicly controlled institutions				Privately controlled institutions			
	Total	Universi- ties, col- leges, and professional schools	Teachers colleges	Junior colleges	Total	Universi- ties, col- leges, and professional schools	Teachers colleges	Junior colleges	Total	Universi- ties, col- leges, and professional schools	Teachers colleges	Junior colleges
1	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States	1,851	1,109	218	524	641	161	183	297	1,210	948	35	227
NEW ENGLAND	156	94	32	30	38	10	25	3	118	84	7	27
Maine	16	8	5	3	6	1	5	-----	10	7	-----	3
New Hampshire	9	6	2	1	3	1	1	-----	6	5	-----	1
Vermont	13	8	3	2	4	1	3	-----	9	7	-----	2
Massachusetts	77	46	15	16	18	5	10	3	69	41	5	13
Rhode Island	13	9	2	2	2	1	1	-----	11	8	1	2
Connecticut	28	17	5	6	5	1	4	-----	23	16	1	6
MIDDLE ATLANTIC	279	191	40	48	56	7	31	18	223	184	9	30
New York	132	86	18	28	30	6	11	13	102	80	7	15
New Jersey	37	19	8	10	11	1	6	4	26	18	2	6
Pennsylvania	110	86	14	10	15	-----	14	1	95	86	9	6
EAST NORTH CENTRAL	321	223	34	64	87	17	24	46	234	206	10	18
Ohio	69	61	5	3	9	6	3	-----	60	55	2	3
Indiana	40	35	3	2	6	3	2	-----	34	32	1	1
Illinois	100	79	9	21	19	2	5	12	81	68	4	9
Michigan	46	31	4	11	18	4	4	4	10	28	27	1
Wisconsin	66	26	13	27	35	2	10	23	31	24	3	4
WEST NORTH CENTRAL	248	127	31	90	104	17	28	59	144	110	3	31
Minnesota	44	25	7	12	16	1	5	10	28	24	2	2
Iowa	51	25	1	25	21	2	1	18	30	23	-----	7
Missouri	55	28	7	20	18	2	7	9	37	26	-----	11
North Dakota	13	4	5	4	11	2	5	4	2	-----	-----	-----
South Dakota	16	8	4	4	7	2	2	-----	9	5	-----	4
Nebraska	24	14	5	5	10	2	4	-----	14	12	1	1
Kansas	45	23	2	20	21	5	2	14	24	18	-----	6

See footnote at end of table.

Table 1.—Number of institutions of higher education, by control, type, region, and State: 1949-50—Continued

States, by region	All institutions				Publicly controlled institutions				Privately controlled institutions			
	Total	Universi- ties, col- leges, and professional schools	Teachers colleges	Junior colleges ¹	Total	Universi- ties, col- leges, and professional schools	Teachers colleges	Junior colleges ¹	Total	Universi- ties, col- leges, and professional schools	Teachers colleges	Junior colleges ¹
1	2	3	4	5	6	7	8	9	10	11	12	13
SOUTH ATLANTIC	287	181	24	82	85	42	24	19	202	139		63
Delaware.....	5	3		1	2	1	1		3	2		1
Maryland.....	34	24	5	5	12	3	5	4	22	21		1
Virginia.....	44	30	2	12	12	9	2	1	32	21		11
West Virginia.....	22	12	6	4	11	4	6	1	11	8		3
North Carolina.....	54	27	6	21	14	6	6	2	40	21		19
South Carolina.....	32	24		8	7	7			25	17		8
Georgia.....	54	33	2	19	19	9	2	8	35	24		11
Florida.....	18	12		6	6	3		3	12	9		3
District of Columbia.....	24	16	2	6	2		2		22	16		6
EAST SOUTH CENTRAL	147	79	15	53	44	13	13	18	103	66	2	35
Kentucky.....	40	20	5	15	9	3	4	2	31	17	1	13
Tennessee.....	46	31	2	13	7	2	1	4	39	29	1	9
Alabama.....	26	16	5	5	9	4	3		17	12		5
Mississippi.....	35	12	3	20	19	4		12	16	8		8
WEST SOUTH CENTRAL	171	93	15	63	93	28	15	50	78	65		13
Arkansas.....	23	14	2	7	12	5	2	5	11	9		2
Louisiana.....	18	17	1		7	6	1		11	11		
Oklahoma.....	35	13	5	17	26	6	5	15	9	7		2
Texas.....	95	49	7	39	48	11	7	30	47	38		9
MOUNTAIN	67	33	13	21	48	17	11	20	19	16	2	1
Montana.....	11	5	3	3	8	3	2	3	3	3	1	
Idaho.....	9	5	2	2	6	2	2		3	2		
Wyoming.....	2	1		1	2	1		7				
Colorado.....	20	9	3	8	13	3		1	7	6		1
New Mexico.....	9	5	3	1	7	4	2	1	2	1		

Population and Student Enrollment

The tremendous growth of higher education is further shown by comparison of student enrollment with total population. Thus, although between 1900 and 1950 the total population of the United States nearly doubled (table II), student enrollment in higher education increased more than tenfold. The total higher education enrollment for 1949-50 included more than 850,000 veterans of World War II whose education was partially paid for by the Federal Government; this number represents a decline from the more than 1,100,000 enrolled in 1947-48. Even if the doubtful assumption were made that these veterans would not normally have been in college without this Federal subvention, the number of non-veterans in colleges in 1949-50 was something like seven times the total enrollment in 1899-1900.

Table II.—Population and student enrollment in higher education: 1900 to 1950

Year	Population ¹		Student enrollment in higher education ²		
	Total	Ages 18 to 21, inclusive	Number	Number enrolled per 100 persons	
				In total population	Ages 18 to 21
1	2	3	4	5	6
1899-1900 -----	75,994,575	5,930,765	237,592	0.31	4.01
1904-05 -----	84,219,378	6,583,109	264,345	.31	4.02
1909-10 -----	91,972,266	7,335,453	355,213	.38	4.84
1914-15 -----	99,342,625	7,339,624	403,558	.41	5.50
1917-18 -----	103,587,955	7,342,126	440,742	.43	6.00
1919-20 -----	105,710,620	7,343,794	597,880	.57	8.14
1921-22 -----	109,872,675	7,680,383	681,076	.62	8.87
1923-24 -----	113,202,319	8,016,972	823,063	.73	10.27
1925-26 -----	116,631,963	8,353,561	917,462	.79	10.98
1927-28 -----	119,861,607	8,690,150	1,053,955	.88	12.13
1929-30 -----	123,076,685	9,033,000	1,100,737	.89	12.19
1931-32 -----	124,839,982	9,128,000	1,154,117	.92	12.64
1933-34 -----	126,372,877	9,211,000	1,055,360	.84	11.46
1935-36 -----	128,051,867	9,260,000	1,208,227	.94	13.05
1937-38 -----	129,823,200	9,395,000	1,350,905	1.04	14.38
1939-40 -----	131,669,275	9,753,537	1,494,203	1.13	15.32
1941-42 -----	134,407,385	9,853,000	1,403,990	1.04	14.25
1943-44 -----	138,083,449	9,776,000	1,155,272	.84	11.82
1945-46 -----	143,414,000	9,537,000	1,676,851	1.17	³ 12.74
1947-48 -----	146,114,000	9,273,000	2,616,262	1.79	³ 14.55
1949-50 -----	150,697,361	⁴ 8,979,000	2,659,021	1.76	³ 19.27
INCREASE, 1900 TO 1950					
Number -----	75,137,425	3,048,235	2,421,429	-----	-----
Percent -----	98.87	51.40	1,019.15	-----	-----

¹ Estimates except as indicated as of July 1, based on data from U. S. Bureau of the Census, including armed forces overseas. Estimates for 1942 and later years subject to revision upon completion of 1950 census.

² Resident college enrollments, for regular session only, ended in June of years shown above (excluding correspondence, extension, and off-campus students).

³ Veteran students, most of whom were over 21 years of age, have been excluded in calculating these ratios.

⁴ Estimates for Apr. 1, 1950.

The sharp increase in student enrollment was accompanied by an increase in the number of degrees conferred. Thus, whereas from 1900 to 1950 the total enrollment in higher education was multiplied by 11.2, the number of bachelor's degrees conferred was multiplied by 15.8, that of doctor's by 18.0, and that of master's by 36.8 (table XIX).

The Changing Pattern of Higher Educational Organization

Changing times and changing conditions are normally accompanied or followed by changes in organization. The rise of the junior college—a peculiarly American institution—has been mentioned in previous Biennial Surveys of Education and is a case in point (table III).

It will be noted that the 1949-50 figures in table III differ from the junior college and normal school figures quoted in other tables in this chapter. This difference is due to the fact that data on normal schools are excluded from this table to preserve continuity with earlier years. They are included in the other tables of this chapter in order to group all 2-year institutions together.

Table III.—Junior colleges and their enrollment: 1917-18 to 1949-50

Year	All junior colleges		Publicly controlled		Privately controlled	
	Num- ber	Enrollment	Num- ber	Enrollment	Num- ber	Enrollment
1	2	3	4	5	6	7
1917-18.....	46	4,504	14	1,367	32	3,137
1919-20.....	52	8,102	10	2,940	42	5,162
1921-22.....	80	12,124	17	4,771	63	7,353
1923-24.....	132	20,559	39	9,240	93	11,319
1925-26.....	153	27,095	47	13,859	106	13,236
1927-28.....	248	44,855	114	28,437	134	16,418
1929-30.....	277	55,616	129	36,501	148	19,115
1931-32.....	342	85,063	159	58,887	183	26,176
1933-34.....	322	78,480	152	55,869	170	22,611
1935-36.....	415	102,453	187	70,557	228	31,896
1937-38.....	453	121,510	209	82,041	244	39,469
1939-40.....	456	149,854	217	107,553	239	42,301
1941-42.....	461	141,272	231	100,783	230	40,489
1943-44.....	413	89,208	210	60,884	203	28,324
1945-46.....	464	156,456	242	109,640	222	46,816
1947-48.....	472	240,173	242	178,196	230	61,977
1949-50.....	483	242,740	256	187,695	227	55,045
Percent of all higher education.....	26.1	9.1	39.9	13.9	18.8	4.2
Average enrollment per junior college.....		503		733		242

Another example of this evolutionary process is seen in the growth and decline of the county normal school movement. Always small, highly localized institutions, the county normal schools of the Nation once enrolled more than 4,200 students in nearly 100 institutions scattered over 8 States. By 1949-50, however, only 23 institutions of this type were reported, all from Wisconsin. The county normal schools in

Michigan, which offer only a single year of work, are no longer included in this compilation (table IV).

Table IV.—County normal schools, distribution and enrollment: 1909-10 to 1949-50

Year	Schools	States represented	Enrollment	Year	Schools	States represented	Enrollment
1	2	3	4	1	2	3	4
1909-10.....	8	2	714	1931-32.....	36	2	1,283
1911-12.....	22	1	1,244	1933-34.....	13	2	455
1913-14.....	25	1	1,284	1935-36.....	56	2	1,588
1915-16.....	21	1	1,225	1937-38.....	56	2	1,312
1917-18.....	45	3	1,838				
1919-20.....	94	7	2,066	1939-40.....	50	2	1,083
1921-22.....	95	8	4,243	1941-42.....	47	2	730
1923-24.....	90	3	2,624	1943-44.....	40	2	658
1925-26.....	108	3	2,824	1945-46.....	(1)	(1)	(1)
1927-28.....	46	3	1,425	1947-48.....	43	2	1,066
1929-30.....	47	2	1,250	1949-50.....	23	1	1,099

¹ Data not collected.

² Two-year schools only; one-year schools not included.

Growth of Large Institutions

Of more than passing interest has been the development of large institutions during the past half century. In 1900, fewer than half a dozen institutions enrolled as many as 3,000 students of college grade; it is doubtful if even one institution enrolled as many as 5,000.

A tabulation of institutions by number of students enrolled in the fall of 1949 (not included in the present report) shows 168 institutions with 3,000 or more students each. Of this group 105 had 5,000 students or more; this group divided into 65 with 5,000 to 9,999; 30 with 10,000 to 19,999; and 10 with 20,000 or more per institution. The largest institution reported nearly 48,000 students, approximately 10 times the enrollment of the largest institution 50 years earlier.

A concomitant of the development of large institutions has been the concentration of students on relatively few campuses. Thus, in the fall of 1949, the 10 largest institutions in the country (less than 1 percent of the total number of institutions) included nearly 12 percent of the total fall enrollment of resident college students. The next 30 institutions (those with student bodies numbering from 10,000 to 19,999) accounted for another 18 percent of the students. Thus, fewer than one-fortieth of the institutions enrolled well over one-fourth of the students.

At the other end of the scale, we find that in 1900 approximately half of the institutions had fewer than 100 students of college grade. At the

beginning of the 1949-50 academic year, fewer than one-eighth of the institutions were of this size.

Institutions for the Higher Education of Negroes

In 1949-50, reports were received from 105 institutions of higher education attended entirely or predominantly by Negroes. This compares with 103 institutions of this type reporting for 1947-48.

These institutions are typically much smaller than those attended entirely or predominantly by white persons. The average number of resident college enrollments in the Negro group in 1949-50 was 729, whereas that for the other group (white or nonsegregated) was 1,479. The total group of 105 institutions enrolling 5,000 or more students, commented on in the previous section, included only 1 institution for the higher education of Negroes. This institution's enrollment did not quite reach 6,000.

The comparative smallness of these institutions is further emphasized by the fact that although they numbered 5.7 percent of the number of institutions, they had only 3.1 percent of the faculty (full-time equivalent), 2.9 percent of the student enrollment, and conferred only 3.0 percent of the bachelor's degrees.

The increase in graduate work offered at these institutions, referred to in the 1947-48 edition of this chapter, continued into 1949-50. The number of graduate students increased from 1,984 in 1947-48 to 2,304 in 1949-50: an increase of 320, or 16.1 percent. During the same 2-year period, the number of master's degrees conferred increased from 433 to 768; this is an increase of 335, or 77.4 percent. None of these institutions reported conferral of the doctorate as an earned degree.

It should be clearly understood that in many instances Negroes are enrolled in institutions attended predominantly by white persons. Reports collected by this Office do not include data on attendance of Negroes at these institutions (table V).

Faculty

A total of 246,722 different persons were employed on the administrative or instructional staffs (commonly referred to as the faculty) of institutions of higher education in 1949-50 (table 2). This number exceeded the 223,660 reported for 1947-48 by 23,062, or 10.5 percent. An increase in instructional activities is seen in the fact that the resident instructional group increased from 174,204 in 1947-48 to 190,353 in 1949-50 (table VII). This is an increase of 9.3 percent and is much less than the 38.5 percent of increase reported for the previous biennium.

Although the total number of staff members increased by 10.5 percent

Table V.—Faculty, students, and degrees conferred in institutions for the higher education of Negroes: 1949-50

Item	Institutions for the higher education of Negroes					Total	All higher education	Percent Negro of all higher education
	Universities, colleges, and professional schools		Teachers colleges, publicly controlled ¹	Junior colleges				
	Publicly controlled	Privately controlled		Publicly controlled	Privately controlled			
1	2	3	4	5	6	7	8	9
I. NUMBER OF INSTITUTIONS.....	23	54	12	3	13	105	1,851	5.7
II. FACULTY (FULL-TIME EQUIVALENT).....	3,020	2,803	491	65	221	6,600	210,349	3.1
Men.....	1,851	1,705	234	36	110	3,936	157,691	2.5
Women.....	1,169	1,098	257	29	111	2,664	52,658	5.1
III. RESIDENT COLLEGE ENROLLMENTS:								
Regular session.....	31,599	35,529	6,740	1,116	1,577	76,561	2,659,021	2.9
Men.....	17,096	19,575	2,369	751	886	40,677	1,853,068	2.2
Women.....	14,503	15,954	4,371	365	691	35,884	805,953	4.4
First time in any college.....	8,489	9,509	2,266	436	668	21,368	594,126	3.6
Men.....	4,436	4,820	809	251	297	10,613	380,088	2.8
Women.....	4,053	4,689	1,457	185	371	10,755	214,038	5.0
Graduate students.....	882	1,342	² 80	-----	-----	² 2,304	237,208	1.0
Men.....	462	679	² 20	-----	-----	² 1,161	172,161	.7
Women.....	420	663	² 60	-----	-----	² 1,143	65,047	1.8
Summer session, 1949.....	19,914	15,132	3,514	83	333	38,976	943,021	4.1
Men.....	7,832	6,433	835	69	89	15,258	595,219	2.6
Women.....	12,082	8,699	2,679	14	244	23,718	347,802	6.8
IV. EARNED DEGREES CONFERRED: ³								
Bachelor's or first professional.....	4,866	6,497	1,745	-----	-----	13,108	432,058	3.0
Men.....	2,508	3,464	495	-----	-----	6,467	328,841	2.0
Women.....	2,358	3,033	1,250	-----	-----	6,641	103,217	6.4
Master's.....	306	400	62	-----	-----	768	58,183	1.3
Men.....	143	172	20	-----	-----	335	41,220	.8
Women.....	163	228	42	-----	-----	433	16,963	2.6

¹ No privately controlled teachers colleges; no normal schools reported.² Graduate enrollment in teachers colleges estimated.³ Doctorate not conferred at any institution in this group.

from 1947-48 to 1949-50, the total full-time equivalent ⁴ of these persons increased only 7.2 percent (from 196,300 to 210,349).

Of the 210,349 professional positions (full-time equivalent) in 1949-50, it appears that 157,691, or 75.0 percent, were filled by men and 52,658, or 25.0 percent, by women (table VI). In 1899-1900 only 19.8 percent of all faculty members were women. This percent rose to 20.1 in 1909-10, to 26.3 in 1919-20, to 27.2 in 1929-30, and to 28.1 in 1939-40. It continued to rise to 28.2 in 1941-42, to 30.2 in 1943-44, and reached a peak of 31.0 in 1945-46. In 1947-48 it dropped back to 27.0, and in 1949-50 to 25.0.

Table VI.—Number of men and women on faculty, institutions of higher education, by control and type of institution: 1949-50

Item	Faculty members					
	All institutions		Publicly controlled		Privately controlled	
	Number	Percent	Number	Percent	Number	Percent
1	2	3	4	5	6	7
TOTAL FACULTY ¹	210,349	100.0	106,383	50.6	103,966	49.4
Men.....	157,691	75.0	78,804	37.5	78,887	37.5
Women.....	52,658	25.0	27,579	13.1	25,079	11.9
UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS.....	180,599	85.9	83,459	39.7	97,140	46.2
Men.....	140,323	66.7	64,910	30.9	75,413	35.8
Women.....	40,276	19.2	18,549	8.8	21,727	10.4
TEACHERS COLLEGES.....	14,397	6.8	13,306	6.3	1,091	.5
Men.....	7,698	3.7	7,329	3.5	369	.2
Women.....	6,699	3.1	5,977	2.8	722	.3
JUNIOR COLLEGES AND NORMAL SCHOOLS.....	15,353	7.3	9,618	4.6	5,735	2.7
Men.....	9,670	4.6	6,565	3.1	3,105	1.5
Women.....	5,683	2.7	3,053	1.5	2,630	1.2

¹ Full-time equivalent.

⁴ The expression "full-time equivalent," as here used, means the total number of teachers or other officers who would be needed to carry on the work of an institution of higher education if no persons were employed on a part-time basis. This full-time equivalent is calculated as follows:

I. For an institution of simple organization:

1. By inspection of salary contracts, work schedules, or other pertinent and easily applicable means, determine the standard amount of service or time expected of a full-time teacher or other officer. This is usually, but not necessarily, stated in terms of hours of employment per week, quarter, semester, or year.
2. List the amount of service or time rendered by or expected from each officer employed on a part-time basis.
3. Make a total of this part-time service for the institution.
4. Divide the total amount of part-time service, as shown in step 3, by the standard amount of service expected of a full-time employee, as shown in step 1. This quotient is the full-time equivalent of part-time employees in the institution.
5. To the quotient obtained in step 4 add the total number of full-time teachers and officers to obtain a full-time equivalent for the institution.

II. For an institution which includes two or more professional schools or other administrative units with varying standards as respects full-time service, it may be advisable to calculate the full-time equivalent for each unit independently, as in steps 1 to 5 above, and then summarize for the entire institution.

Table VII.—Resident instructional staff, institutions of higher education: 1929-30 to 1949-50

Year	Number ¹	Biennial increase ²		Year	Number ¹	Biennial increase ²	
		Number	Percent			Number	Percent
1	2	3	4	1	2	3	4
1929-30.....	82,386	6,306	8.3	1939-40.....	110,885	7,990	7.8
1931-32.....	88,172	5,786	7.0	1941-42.....	114,693	3,808	3.4
1933-34.....	86,914	-1,258	-1.4	1943-44.....	105,841	-8,852	-7.7
1935-36.....	92,580	5,666	6.5	1945-46.....	125,811	19,970	18.9
1937-38.....	102,895	10,315	11.1	1947-48.....	174,204	48,393	38.5
				1949-50.....	190,353	16,149	9.3

¹ Collegiate, professional, and graduate. Subcollegiate teachers not included. Critic teachers included from 1945-46 on.

² Decrease shown by a minus sign (-).

Table VIII.—Resident instructional staff in noncollegiate work, excluding critic teachers, institutions of higher education: 1939-40 and 1945-46 to 1949-50

Item	1939-40	1945-46	1947-48	1949-50	
				Number	Percent of 1939-40
1	2	3	4	5	6
ALL INSTITUTIONS.....	3,721	4,275	5,111	5,827	156.6
Universities, colleges, and professional schools...	2,225	2,293	3,010	3,401	152.9
Teachers colleges.....	267	970	957	1,048	392.5
Junior colleges and normal schools.....	1,229	1,012	1,144	1,378	112.1
PUBLICLY CONTROLLED INSTITUTIONS.....	893	1,809	2,420	3,109	348.2
Universities, colleges, and professional schools...	549	725	1,139	1,675	305.1
Teachers colleges.....	157	889	837	969	617.2
Junior colleges and normal schools.....	187	195	444	465	248.7
PRIVATELY CONTROLLED INSTITUTIONS.....	2,828	2,466	2,691	2,718	96.1
Universities, colleges, and professional schools...	1,676	1,568	1,871	1,726	103.0
Teachers colleges.....	110	81	120	79	71.8
Junior colleges and normal schools.....	1,042	817	700	913	87.6

Over the years there has been a slow change in the distribution of administrative and instructional officers between publicly controlled institutions and those under private control. In 1931-32 (the first year for which data are available) of the 100,789 positions of this description, 48,458, or 48.1 percent, were in institutions under public control and 52,331, or 51.9 percent, were in institutions under private control. The percentage of positions in publicly controlled institutions rose somewhat irregularly until 1945-46, when it reached 50.9. Since then it has fluctuated a little, but in 1949-50 it stood at 50.6. The 1949-50 positions were divided among the different types of institutions as follows: Uni-

versities, colleges, and professional schools, 180,599, or 85.9 percent; teachers colleges, 14,397, or 6.8 percent; and junior colleges and normal schools, 15,353, or 7.3 percent.

The number of persons conducting classes of less-than-college grade rose from 5,111 in 1947-48 to 5,827 in 1949-50: an increase of 716, or 14.0 percent. The 1949-50 figure is greater than that for 1939-40 by 2,106, or 56.6 percent. Among the publicly controlled institutions the 1949-50 figure was nearly 3.5 times that for 1939-40, but among the privately controlled institutions the later figure was 3.9 percent less than that for the earlier year (table VIII).

Students

More than 2,650,000 resident students of college grade were enrolled in the 1,851 institutions of higher education in continental United States in 1949-50 (table IX). The exact figure of 2,659,021 represents an increase of 42,759, or 1.6 percent, over the 2,616,262 reported for 1947-48. Although the 1949-50 figure is the largest in the history of American higher education; the biennial increase from 1947-48 to 1949-50 (only 1.6 percent) is the lowest proportionate increase since 1927-28—except for the depression year of 1933-34 and the years of World War II. This fact leads to the suggestion that the enrollment in higher education may have reached a temporary plateau.

Table IX.—Resident college enrollments: 1929-30 to 1949-50

Year	Regular session			Summer session ¹		
	Enrollment	Biennial increase ²		Enrollment	Biennial increase ²	
		Number	Percent		Number	Percent
1	2	3	4	5	6	7
1929-30.....	1,100,737	46,782	4.4	388,755	4,900	1.3
1931-32.....	1,154,117	53,380	4.9	414,260	25,505	6.6
1933-34.....	1,055,360	-98,757	-8.6	303,754	-110,506	-26.7
1935-36.....	1,208,227	152,867	14.5	370,026	66,272	21.8
1937-38.....	1,350,905	142,678	11.8	429,864	59,838	16.2
1939-40.....	1,494,203	143,298	10.6	456,679	26,815	6.2
1941-42.....	1,403,990	-90,213	-6.0	426,849	-29,830	-6.5
1943-44.....	1,155,272	-248,718	-17.7	376,334	-50,515	-11.8
1945-46.....	1,676,551	521,579	45.1	515,602	139,268	37.0
1947-48.....	2,616,262	939,411	56.0	955,429	439,827	85.3
1949-50.....	2,659,021	42,759	1.6	943,021	-12,408	-1.3
INCREASE						
1930-50.....		1,558,284	141.6		554,266	142.6
1940-50.....		1,164,818	78.0		486,342	106.5

¹ Preceding the regular session, i. e., summer session for 1929 preceding the regular session 1929-30, etc.

² Decrease shown by a minus sign (-).

The failure of this total enrollment to increase rapidly over the previous one should not, of course, be taken as indicating that a decline is about to set in. It should not be forgotten that from 1947-48 to 1949-50 the enrollment of veterans of World War II declined something like 24.0 percent (from 1,122,738 in the fall of 1947 to 853,007 in the fall of 1949). While it is impossible from the data at hand to say how many veterans remained through either of the two school years, it is still apparent that with a decline in veteran enrollment and a slight increase in total enrollment (admittedly counted at different periods of the academic year), there must have been some increase in non-veteran enrollment. In this connection, it is noteworthy that the enrollment of women increased 3.3 percent from 1947-48 to 1949-50, the numerical increase being from 779,923 to 805,953.

Nearly 950,000 students of college grade were registered for the summer sessions of 1949. While this number is more than twice the summer session enrollments of 10 and 20 years earlier, it represents a decrease of 12,408, or 1.3 percent, from the 955,429 peak enrollment in the summer of 1947.

Enrollment by Sex

Of the 2,659,021 resident students of college grade enrolled in the 1949-50 regular session, 1,853,068, or 69.7 percent, were men and 805,953, or 30.3 percent, were women (tables X and 2). This is a slight increase in the proportion of women over the low of 1947-48, when only 29.8 percent of the student body were women. It still is far from the approximately 40-60 ratio of women to men, regarded as more or less normal up to about the opening of World War II.

Enrollment by Control and Level of Institution

Over the years, there has been an increasing tendency for students to attend publicly controlled institutions of higher education rather than those under private control. Thus, in 1929-30, the first year for which definitive data are available, 48.4 percent of all regular session, resident college students were enrolled at institutions under public control. In 1931-32, only 48.1 percent were enrolled at publicly controlled institutions, but from then on the percentage rose slowly to a peak of 53.3 in 1939-40. It then dropped to 49.5 in 1943-44, but has been moving up slowly since that date. In 1945-46 it stood at 49.7, in 1947-48 at 50.7, and in 1949-50 at 51.0 (table X).

Various factors have operated to maintain an approximate balance between enrollments in publicly controlled and in privately controlled higher education. In the university, college, and professional school group (which includes much of the research work of the country as well as the purely professional work), regular session enrollments in privately

controlled institutions outnumber those in publicly controlled institutions about 4 to 3. On the other hand, in the teachers college, junior college, and normal school groups, enrollments in public institutions outnumber those in private institutions at a ratio of nearly 6 to 1. In fact, in the teachers college group alone, for every student registered in a privately controlled institution, there are more than 15 in institutions under public control.

Table X.—Resident college enrollments, by control and type of institution, and by sex of student: 1949-50

Item	All institutions		Publicly controlled institutions		Privately controlled institutions	
	Enrollment	Percent	Enrollment	Percent	Enrollment	Percent
1	2	3	4	5	6	7
I. REGULAR SESSION, 1949-50:						
Total enrollments.....	2, 659, 021	100.0	1, 354, 902	50.9	1, 304, 119	49.1
Men.....	1, 853, 068	69.7	932, 087	35.0	920, 981	34.7
Women.....	805, 953	30.3	422, 815	15.9	383, 138	14.4
Universities, colleges, and professional schools.....	2, 201, 715	82.8	965, 257	36.3	1, 236, 458	46.5
Men.....	1, 579, 000	59.4	693, 117	26.1	885, 883	33.3
Women.....	622, 715	23.4	272, 140	10.2	350, 575	13.2
Teachers colleges.....	213, 227	8.0	200, 611	7.5	12, 616	.5
Men.....	1, 6, 321	4.4	111, 403	4.2	4, 918	.2
Women.....	96, 906	3.6	89, 203	3.3	7, 698	.3
Junior colleges and normal schools.....	244, 079	9.2	189, 034	7.1	55, 045	2.1
Men.....	157, 747	5.9	127, 567	4.7	30, 180	1.2
Women.....	86, 332	3.3	61, 467	2.4	24, 865	.9
II. SUMMER SESSION, 1949:						
Total enrollments.....	943, 021	100.0	536, 823	56.9	406, 198	43.1
Men.....	595, 219	63.1	333, 781	35.4	261, 438	27.7
Women.....	347, 802	36.9	203, 042	21.5	144, 760	15.4
Universities, colleges, and professional schools.....	768, 297	81.5	379, 808	40.3	388, 489	41.2
Men.....	512, 232	54.3	257, 997	27.4	254, 235	26.9
Women.....	256, 065	27.2	121, 811	12.9	134, 254	14.3
Teachers colleges.....	135, 599	14.4	126, 105	13.4	9, 494	1.0
Men.....	58, 617	6.2	55, 745	5.9	2, 872	.3
Women.....	76, 982	8.2	70, 360	7.5	6, 622	.7
Junior colleges and normal schools.....	39, 125	4.1	30, 910	3.2	8, 215	.9
Men.....	24, 370	2.6	20, 039	2.1	4, 331	.5
Women.....	14, 755	1.5	10, 871	1.1	3, 884	.4

In the 1949 summer sessions 56.9 percent of the entire enrollment was in publicly controlled institutions; this represents a slight increase over the 53.5 percent of the 1947 total in institutions under public control. The university, college, and professional school group enrolled a slightly larger number of students in privately controlled than in publicly controlled

Table XI.—Resident college enrollments, by control of institution, sex of students, and level of work for which enrolled: 1929-30, and 1939-40 to 1949-50

Item	All institutions			Publicly controlled			Privately controlled		
	All stu- dents	Men	Women	All stu- dents	Men	Women	All stu- dents	Men	Women
	2	3	4	5	6	7	8	9	10
I. BASIC DATA									
1929-30:									
Total.....	1,100,737	619,935	480,802	532,704	272,500	260,204	568,033	347,435	220,598
Graduate.....	47,255	29,070	18,185	20,198	12,681	7,617	27,057	16,489	10,563
Undergraduate and special.....	1,053,482	590,865	462,617	512,506	259,919	252,587	540,976	330,946	210,030
1939-40:									
Total.....	1,494,203	893,250	600,953	796,531	470,006	326,525	697,672	423,244	274,428
Graduate.....	105,748	67,417	38,331	44,562	30,039	14,523	61,186	37,378	23,808
Undergraduate and special.....	1,388,455	825,833	562,622	751,969	439,967	312,002	636,486	385,866	250,620
1941-42:									
Total.....	1,403,990	818,559	585,431	732,111	418,876	313,235	671,879	399,683	272,196
Graduate.....	85,443	53,250	32,193	33,262	21,625	11,637	52,181	31,625	20,556
Undergraduate and special.....	1,318,547	765,309	553,238	698,849	397,251	301,598	619,698	368,058	251,640
1943-44:									
Total.....	1,155,272	578,948	576,324	571,406	282,510	288,896	583,866	296,438	287,428
Graduate.....	59,231	31,080	28,171	20,236	11,161	9,175	38,995	19,999	18,996
Undergraduate and special.....	1,096,041	547,868	548,153	551,170	271,349	279,721	544,871	276,439	268,432
1945-46:									
Total.....	1,676,851	927,662	749,189	833,803	465,185	368,618	843,048	462,477	380,571
Graduate.....	121,252	75,006	46,246	42,856	28,440	14,416	78,396	46,566	31,880
Undergraduate and special.....	1,555,599	852,656	702,943	790,947	436,745	354,202	764,652	415,911	348,741
1947-48:									
Total.....	2,616,262	1,836,339	779,923	1,328,147	930,665	395,482	1,290,115	905,674	384,441
Graduate.....	174,432	120,177	54,255	73,595	51,004	22,591	100,837	69,173	31,664
Undergraduate and special.....	2,441,830	1,716,162	725,668	1,254,552	879,661	372,891	1,189,278	836,501	352,777

II. PERCENTAGE ANALYSIS

1949-50:	2,659,021	1,853,068	805,953	1,354,902	932,087	422,815	1,304,119	920,981	383,138
Total.....	237,208	172,161	65,047	107,932	77,198	30,734	129,276	94,963	34,313
Graduate.....	2,421,813	1,680,907	740,906	1,246,970	854,889	392,081	1,174,843	826,018	348,825
Undergraduate and special.....									
1929-30:									
Total.....	100.0	56.3	43.7	48.4	24.7	23.7	51.6	31.6	20.0
Graduate.....	4.3	2.6	1.7	1.8	1.1	.7	2.5	1.5	1.0
Undergraduate and special.....	95.7	53.7	42.0	46.6	23.6	23.0	49.1	30.1	19.0
1939-40:									
Total.....	100.0	59.8	40.2	53.3	31.4	21.9	46.7	28.4	18.3
Graduate.....	7.1	4.5	2.6	3.0	2.0	1.0	4.1	2.5	1.6
Undergraduate and special.....	92.9	55.3	37.6	50.3	29.4	20.9	42.6	25.9	16.7
1941-42:									
Total.....	100.0	58.3	41.7	52.1	29.8	22.3	47.9	28.5	19.4
Graduate.....	6.1	3.8	2.3	2.4	1.5	.9	3.7	2.3	1.4
Undergraduate and special.....	93.9	54.5	39.4	49.7	28.3	21.4	44.2	26.2	18.0
1943-44:									
Total.....	100.0	50.1	49.9	49.5	24.5	25.0	50.5	25.6	24.9
Graduate.....	5.1	2.7	2.4	1.8	1.0	.8	3.3	1.7	1.6
Undergraduate and special.....	94.9	47.4	47.5	47.7	23.5	24.2	47.2	23.9	23.3
1945-46:									
Total.....	100.0	55.3	44.7	49.7	27.7	22.0	50.3	27.6	22.7
Graduate.....	7.2	4.5	2.7	2.5	1.7	.8	4.7	2.8	1.9
Undergraduate and special.....	92.8	50.8	42.0	47.2	26.0	21.2	45.6	24.8	20.8
1947-48:									
Total.....	100.0	70.2	29.8	50.7	35.6	15.1	49.3	34.6	14.7
Graduate.....	6.7	4.6	2.1	2.9	2.0	.9	3.8	2.6	1.2
Undergraduate and special.....	93.3	65.6	27.7	47.8	33.6	14.2	45.5	32.0	13.5
1949-50:									
Total.....	100.0	69.7	30.3	51.0	35.1	15.9	49.0	34.6	14.4
Graduate.....	8.9	6.5	2.4	4.1	2.9	1.2	4.8	3.6	1.2
Undergraduate and special.....	91.1	63.2	27.9	46.9	32.2	14.7	44.2	31.0	13.2

institutions, but the opposite tendency was shown in the junior college and normal school group, with nearly four times as many students in public as in private institutions. It was even more marked in the teachers college group, where more than 13 times as many students were enrolled in public as in private institutions.

It should be remembered that these figures are all based on enrollment of entire institutions, as administrative entities. Thus, the enrollment of the school of education in a university is tabulated as a part of the university, but the liberal arts enrollment of a teachers college is tabulated as a part of the teachers college total. In brief, the organizational classification of institutions here followed is administrative rather than curricular.

An increasing emphasis on graduate instruction is seen in the fact that whereas from 1947-48 to 1949-50 total resident college enrollments increased 1.6 percent, undergraduate enrollments decreased 1.9 percent, but enrollment of graduate students increased 36.0 percent. This trend can easily be traced back as far as 1939-40, since which time the increase of 74.4 percent in undergraduate enrollments has been more than matched by an increase of 124.3 percent in enrollments of graduate students. Tracing it back still another decade to 1929-30, it is noted (table XI) that whereas graduate enrollments comprised but 4.3 percent of the total for that year, they comprised 8.9 percent of that for 1949-50. Thus, in 1929-30, 1 out of every 23 students on a college or university campus was a graduate student, but in 1949-50, 1 out of every 11 students was of that level.

Regional Distribution of Enrollments

The increase in college enrollments, already noted in the present report, was observable over the Nation (table XII). Naturally, it was not even; it varied widely from region to region and more widely from State to State. Thus, whereas the 1949-50 enrollment was nearly two and a half times that for 1929-30 for the Nation as a whole, it was more than three times the earlier figure in the Mountain and Pacific States; it rose to five times the earlier figure in Delaware and to six times that in Florida. On the other hand, in the Dakotas and Nebraska it was less than one and one-half times that in 1929-30.

For the 10-year period from 1939-40 to 1949-50 increases in enrollments were again reported from every State and for every region, although not, of course, to the same degree as was noted for the longer period. The 1949-50 total enrollment was 178 percent of that for 1939-40 for the Nation at large. In the Pacific region it was 184 percent, in New England 190 percent, and in the Mountain States region it was 192 percent. In the two States of Delaware and Florida the 1949-50 total was more than three times that for 1939-40. At the other end of the scale, the West North Central region showed a 1949-50 enrollment only about 155 percent of that for 1939-40, with North Dakota only about 114 percent.

Table XII.—Resident college enrollments,¹ by region and State: 1929-30 and 1939-40 to 1949-50

Region	1929-30	1939-40	1941-42	1943-44	1945-46 ²	1947-48	Percent 1949-50 is of—	
							1929-30	1939-40
I	2	3	4	5	6	7	9	10
Continental United States	1, 100, 737	1, 494, 203	1, 405, 990	1, 877, 517	1, 676, 551	2, 616, 262	241.6	178.0
NEW ENGLAND	79, 816	92, 021	90, 491	53, 667	97, 539	164, 968	218.7	189.7
Maine	4, 659	6, 092	5, 025	3, 020	4, 940	9, 587	204.9	156.7
New Hampshire	4, 446	5, 897	5, 966	2, 538	6, 147	8, 889	196.9	161.8
Vermont	2, 442	3, 975	3, 898	2, 478	3, 884	6, 982	315.6	193.7
Massachusetts	54, 424	57, 772	54, 045	34, 484	58, 524	98, 335	190.1	179.1
Rhode Island	4, 262	5, 425	5, 818	2, 794	6, 545	13, 294	324.5	254.9
Connecticut	9, 183	12, 860	14, 539	8, 353	17, 499	27, 881	331.5	236.7
MIDDLE ATLANTIC	249, 478	299, 512	283, 155	192, 647	340, 248	535, 551	221.1	184.2
New York	156, 730	195, 596	183, 166	130, 949	226, 649	335, 509	225.2	180.5
New Jersey	14, 662	20, 515	21, 692	12, 424	23, 800	47, 531	310.2	221.7
Pennsylvania	78, 086	83, 401	78, 297	49, 274	89, 799	132, 511	196.3	183.8
EAST NORTH CENTRAL	242, 706	322, 602	304, 462	187, 963	377, 374	562, 050	232.8	175.2
Ohio	66, 985	84, 367	81, 674	49, 779	105, 205	151, 137	217.8	173.0
Indiana	26, 118	37, 065	34, 156	20, 330	43, 009	70, 537	315.0	222.0
Illinois	81, 701	107, 074	97, 861	66, 347	116, 433	176, 086	205.8	157.0
Michigan	64, 144	60, 961	61, 831	34, 974	78, 485	110, 827	259.0	187.6
Wisconsin	23, 758	33, 135	28, 940	16, 533	34, 242	53, 463	229.4	164.4
WEST NORTH CENTRAL	130, 045	163, 531	146, 663	82, 863	168, 913	257, 003	194.8	154.9
Minnesota	24, 884	34, 647	31, 522	18, 645	41, 394	57, 847	221.3	159.0
Iowa	23, 688	29, 753	27, 489	15, 090	31, 348	48, 030	198.3	157.9
Missouri	31, 458	40, 393	37, 046	25, 400	41, 476	67, 409	224.2	174.6
North Dakota	6, 891	8, 332	7, 032	2, 705	5, 655	9, 783	137.5	113.7
South Dakota	6, 113	6, 583	6, 206	5, 829	5, 829	8, 431	144.9	134.5
Nebraska	15, 685	16, 579	14, 168	7, 358	18, 496	24, 239	149.0	141.0
Kansas	21, 526	27, 244	23, 200	11, 317	24, 715	40, 264	183.2	143.4

See footnotes at end of table.

Table XII.—Resident college enrollments,¹ by region and State: 1929-30 and 1939-40 to 1949-50—Continued

Region	1920-30	1939-40	1941-42	1943-44	1945-46 ²	1947-48	1949-50	Percent 1949-50 is of—	
								1929-30	1939-40
1	2	3	4	5	6	7	8	9	10
SOUTH ATLANTIC.....	111,949	165,328	164,072	111,081	100,266	309,173	302,849	270.5	183.2
Delaware.....	711	1,118	1,116	551	1,168	3,299	3,592	505.2	321.3
Maryland.....	13,084	18,567	17,441	12,730	17,908	33,729	36,531	279.2	196.9
Virginia.....	19,316	26,156	25,881	17,718	28,388	40,006	38,074	197.1	145.6
West Virginia.....	14,444	14,444	12,935	7,263	15,439	24,881	24,326	208.1	146.1
North Carolina.....	18,901	32,118	32,079	22,076	37,727	48,211	46,933	248.3	146.1
South Carolina.....	15,914	16,696	16,696	10,919	17,777	27,727	24,258	227.4	152.4
Georgia.....	15,838	23,229	23,826	15,836	20,174	46,559	45,323	286.2	195.1
Florida.....	5,857	11,473	11,384	6,728	15,545	35,045	37,632	642.5	328.0
District of Columbia.....	15,944	22,319	22,714	17,560	27,140	50,716	46,180	289.6	206.9
EAST SOUTH CENTRAL.....	62,733	81,673	73,632	45,083	88,083	137,946	138,733	221.1	169.9
Kentucky.....	16,877	22,414	19,561	12,019	23,027	33,293	32,608	193.2	145.5
Tennessee.....	20,496	25,253	23,480	15,074	30,284	46,480	47,603	232.3	188.5
Alabama.....	15,290	19,987	18,628	11,569	21,447	36,317	36,317	237.5	181.7
Mississippi.....	10,070	14,019	12,013	6,421	13,325	21,182	22,205	220.5	138.4
WEST SOUTH CENTRAL.....	87,098	144,384	132,427	79,157	160,172	247,249	254,228	291.9	176.1
Arkansas.....	6,445	10,928	9,179	5,460	10,768	21,061	21,155	328.2	193.6
Louisiana.....	11,180	25,996	23,467	15,219	29,570	41,248	38,275	342.4	147.2
Oklahoma.....	22,770	32,908	27,466	12,615	50,083	49,440	49,440	217.1	150.2
Texas.....	46,703	74,552	72,315	45,863	90,119	134,857	145,358	311.2	195.0
MOUNTAIN.....	34,726	58,169	52,060	28,864	67,851	109,708	111,707	321.7	192.0
Montana.....	3,897	6,685	6,191	2,923	5,446	10,072	10,095	259.0	151.0
Idaho.....	3,812	6,615	5,656	2,506	5,719	9,191	9,337	244.9	141.1
Wyoming.....	1,177	2,264	2,001	763	2,354	4,119	3,762	319.6	166.2
Colorado.....	11,290	17,376	16,563	10,514	26,239	37,480	36,982	327.6	212.8
New Mexico.....	2,635	4,950	4,219	1,961	5,579	11,091	11,477	435.6	231.9
Arizona.....	3,742	5,969	5,316	3,187	6,098	12,314	14,111	377.1	236.4
Utah.....	7,127	13,043	11,042	6,448	15,155	23,537	23,992	336.6	193.9
Nevada.....	1,046	1,267	1,072	472	1,261	1,974	1,951	186.5	154.9

PACIFIC	98,786	162,657	151,929	90,341	180,940	285,878	299,233	302.9	184.0
Washington.....	17,903	26,226	22,624	13,014	29,286	45,753	46,702	280.9	178.1
Oregon.....	11,796	16,141	15,230	7,539	18,195	28,153	34,732	294.4	216.2
California.....	69,087	120,290	114,075	69,788	133,459	211,972	217,799	315.3	181.1
U. S. SERVICE ACADEMIES	3,400	4,049	5,099	5,851	-----	6,736	7,545	221.9	186.3
Outlying parts of the United States	2,575	7,037	7,520	6,805	9,559	12,724	14,737	572.3	209.4
Alaska.....	86	217	248	289	151	334	367	426.7	169.1
Canal Zone.....	-----	143	175	118	588	834	226	-----	158.0
Hawaii.....	1,005	2,478	2,368	2,014	3,748	4,162	5,908	587.9	238.0
Puerto Rico.....	1,484	4,199	4,729	4,384	5,102	7,394	8,236	555.0	196.1

¹ Regular session only.² Region and State items estimated.³ Civilian only in all institutions except U. S. service academies. Excludes 277,755 full-time military students.

In appraising these data, it should be remembered that higher education is only in part a local enterprise: college students, especially in professional and graduate courses, often cross State or regional lines in pursuit of education.

Enrollment at Third Week of Fall Term

Of the 2,659,021 resident college enrollments in institutions of higher education in 1949-50, it appears that 2,442,463, or 91.9 percent, were in residence the third week of the fall term (table XIII). This is the highest percentage recorded in the 10 biennial reporting periods for which data on this point have been tabulated. The 1949-50 percentage for men was 92.8, that for women 89.6. These high percentages indicate a high degree of stability among students in higher education. The average for the entire period 1931-50 was 84.1, which was also the average for both 1931-40 and 1941-50.

Table XIII.—Resident college enrollment, regular session, and enrollment in third week of fall term: 1931-32 to 1949-50

Year	Resident college enrollment (regular session)			Year	Resident college enrollment (regular session)		
	Total for year	Third week of fall term			Total for year	Third week of fall term	
		Number	Percent of total for year			Number	Percent of total for year
1	2	3	4		2	3	4
1931-32-----	1, 154, 117	839, 741	72. 8	1945-46-----	1, 676, 851	1, 073, 629	64. 0
1933-34-----	1, 055, 360	765, 661	72. 5	1947-48-----	2, 616, 262	2, 339, 292	89. 4
1935-36-----	1, 208, 227	1, 077, 484	89. 2				
1937-38-----	1, 350, 905	1, 219, 867	90. 3	1949-50-----	2, 659, 021	2, 442, 463	91. 9
1939-40-----	1, 494, 203	1, 364, 815	91. 3				
				Men-----	1, 853, 068	1, 720, 059	92. 8
1941-42-----	1, 403, 990	1, 180, 365	84. 1	Women-----	805, 953	722, 404	89. 6
1943-44-----	1, 155, 272	965, 262	83. 6				

¹ Includes 277,755 full-time military students.

² Estimated on the basis of relation of third week of fall term to total for year, civilian only.

High-School Graduates Going on to College

The question of the number of graduates of secondary schools who immediately go on to some institution of higher education is one on which definite information is lacking. Probably the best approach to the question on a Nation-wide scale is by comparing the number of graduates of high schools and other secondary schools, both publicly and privately controlled, in a given academic year or series of years, with the number of students first time in any college the succeeding academic year or years. Estimated data on these points are fairly reliable from 1931 to 1939; these data, presented in table XIV, indicate that during that period approximately three-eighths of the graduates of high schools went on to college.

Data for the years since 1939, also presented, are less reliable. They are subject to the violent distortion incident to World War II. Findings based on them should be taken with this reservation in mind.

Table XIV.—Graduates of high schools and first-time college students: 1931 to 1949

School year ending	High-school graduates ¹ (estimated)	First-time college students in ensuing academic year		School year ending	High-school graduates ¹ (estimated)	First-time college students in ensuing academic year	
		Number	Percent of high-school graduates			Number	Percent of high-school graduates
1	2	3	4	1	2	3	4
1931.....	746,948	336,997	45.1	1943.....	1,162,284	314,311	(2)
1933.....	870,922	307,690	35.3	1945.....	1,046,924	474,894	(2)
1935.....	965,099	366,734	38.0	1947.....	1,189,000	619,737	(2)
1937.....	1,067,712	367,983	34.5	1949.....	1,193,000	620,052	(2)
1939.....	1,170,777	417,539	35.7				
Total, first 5 periods.....	4,821,458	1,796,943	37.3	Total, second 5 periods.....	5,823,133	2,408,064	(2)
1941.....	1,231,925	379,070	(2)	Total, 1931-49.....	10,644,591	4,205,007	(2)

¹ Public and private.

² Because of war conditions and the veterans' education program, percentages for these years are not comparable with the percentages for the years 1931-39.

Information on the number of students enrolled for the first time in any college is valuable for several reasons. First, as an absolute figure, it affords a basis for a rough guess as to the number who will graduate. Over the years, from 35 to 50 percent of the students who enter college at a given date are likely to take their bachelor's degrees in regular course 4 years later. Since this percentage fluctuates, however, any estimates based on it are tentative. Second, the figure affords a measure of the attracting power of higher education when it is compared with the number of persons graduating from secondary schools. Third, the figure viewed as a percentage serves as a rough measure of the holding power of higher education. The lower the percentage of students who are in college for the first time, the higher the percentage of returning students. In other words, the lower the percentage of students in college the first time, the greater the holding power of the institution. This last measure is of special importance in view of the increase in graduate enrollments already mentioned—implying an increase in the ability of many institutions to hold students beyond the bachelor's degree.

Finally, it should be clearly understood that the term "students enrolled for the first time in any college" does not necessarily include the entire number of first-year students. Many persons come to college for part-time work and require more than 1 year to complete the normal first-year course. Accordingly, a count of freshmen, if it could be made, would

probably yield somewhat larger figures than those given here. Furthermore, this does not include beginning students in those professional schools, entrance to which is restricted to persons who have completed part or all of a liberal arts course.

First-Time Students

Students enrolled for the first time in any college numbered 594,125 in 1949-50 (table XV). This represents a decrease of 25,107, or 4.1 percent, from the 619,232 reported in 1947-48. The 1949-50 number is 22.3 percent of the total enrollment and 26.8 percent of the undergraduate enrollment (excluding special students) for that year, each of these percentages being the lowest reported up to the present.

Table XV.—Resident college enrollment, undergraduate enrollment, and first-time students: 1931-32 to 1949-50

Item	All institutions	Publicly controlled	Privately controlled
1	2	3	4
I. Resident college enrollment:			
1931-32	1,154,117	582,168	571,949
1933-34	1,055,360	529,931	525,429
1935-36	1,208,227	614,131	594,096
1937-38	1,350,905	689,483	661,422
1939-40	1,494,203	796,531	697,672
1941-42	1,403,990	732,111	671,879
1943-44 ¹	1,155,272	571,406	583,866
1945-46	1,676,851	833,803	843,048
1947-48	2,616,262	1,326,147	1,290,115
1949-50: Total	2,659,201	1,354,902	1,304,119
Universities, colleges, and professional schools	2,021,656	965,257	1,236,399
Teachers colleges	213,227	200,611	12,616
Junior colleges and normal schools	244,138	189,034	55,104
II. Undergraduate enrollment:			
1931-32	1,027,545	530,622	496,923
1933-34	963,721	498,292	465,429
1935-36	1,128,924	591,181	537,743
1937-38	1,270,474	658,582	611,892
1939-40	1,389,137	752,858	636,279
1941-42	1,319,505	699,988	619,517
1943-44	1,099,860	553,733	546,127
1945-46	1,411,557	720,265	691,292
1947-48	2,260,503	1,173,770	1,086,733
1949-50: Total	2,218,256	1,150,610	1,067,646
Universities, colleges, and professional schools	1,792,427	785,035	1,007,392
Teachers colleges	199,003	188,412	10,591
Junior colleges and normal schools	226,826	177,163	49,663
III. Students first time in any college:			
1931-32	336,997	188,658	148,339
1933-34	307,690	171,389	136,301
1935-36	366,734	204,231	162,503
1937-38	367,983	208,833	159,150
1939-40	417,539	235,995	181,544
1941-42	379,070	211,633	167,437
1943-44 ²	314,311	163,353	150,958

¹ Includes 149,454 public and 128,301 private full-time military students.

² Includes 28,115 public and 35,125 private full-time military students.

Table XV.—Resident college enrollment, undergraduate enrollment, and first-time students: 1931-32 to 1949-50—Continued

Item	All institutions	Publicly controlled	Privately controlled
1	2	3	4
III. Students first time in any college—Continued			
1945-46.....	474,894	250,356	224,538
1947-48.....	619,232	318,169	301,163
1949-50: Total.....	594,126	323,673	270,453
Universities, colleges, and professional schools.....	412,112	171,874	240,238
Teachers colleges.....	61,446	58,884	2,562
Junior colleges and normal schools.....	120,568	92,915	27,653
IV. Percentage of first-time students to total enrollment:			
1931-32.....	29.9	32.4	25.9
1933-34.....	29.2	32.3	25.9
1935-36.....	30.4	33.3	27.4
1937-38.....	27.2	30.3	24.1
1939-40.....	27.9	29.6	26.0
1941-42.....	27.0	28.9	24.9
1943-44.....	27.2	23.9	25.9
1945-46.....	28.3	30.0	26.6
1947-48.....	23.7	24.0	23.3
1949-50: Total.....	22.3	23.9	20.7
Universities, colleges, and professional schools.....	18.7	17.8	19.4
Teachers colleges.....	28.8	29.4	20.3
Junior colleges and normal schools.....	49.4	49.2	50.2
V. Percentage of first-time students to undergraduate enrollment:			
1931-32.....	32.8	36.6	29.9
1933-34.....	31.9	34.4	29.3
1935-36.....	32.5	34.5	30.2
1937-38.....	29.0	31.7	26.0
1939-40.....	30.1	31.3	28.5
1941-42.....	28.7	30.2	27.0
1943-44.....	28.6	29.5	27.6
1945-46.....	33.6	34.8	32.5
1947-48.....	27.4	27.1	27.7
1949-50: Total.....	26.8	28.1	25.3
Universities, colleges, and professional schools.....	23.0	21.9	23.8
Teachers colleges.....	30.9	31.3	24.2
Junior colleges and normal schools.....	53.2	52.4	55.7

Special Students

Special students, that is, students not registered for a degree course, numbered 203,557 in 1949-50. This is an increase of 22,230, or 12.3 percent, over the total of 181,327 reported in 1947-48. The percentage of increase of men reported in this category was 10.8; that of women was 14.5. The great majority of these special students were in arts and sciences or other schools where their work, although specialized, was for the most part at the undergraduate level (table XVI). A number, however, were in medicine, dentistry, and other professional fields where the work was chiefly of a refresher nature or along a specialized line.

The fact that enrollment of special students increased by 12.3 percent, whereas the total enrollment in the Nation increased only 1.6 percent deserves more study and attention than can be given it in this report.

Table XVI.—Special students in arts and sciences and certain professional schools: 1949-50

Item	Total	Men	Women
1	2	3	4
I. CONTINENTAL UNITED STATES:			
Arts and sciences.....	142,996	82,315	60,681
Agriculture.....	1,400	1,263	137
Architecture.....	113	56	57
Commerce.....	14,742	11,620	3,122
Dentistry.....	50	37	13
Education.....	11,029	3,241	7,788
Engineering.....	7,893	7,578	315
Home economics.....	355	37	318
Law.....	733	719	54
Medicine.....	837	732	105
Nursing.....	2,770	21	2,749
Pharmacy.....	247	168	79
Other.....	20,411	12,508	7,903
Total.....	203,616	120,295	83,321
Less duplicate enrollments.....	59	29	30
Total, excluding duplicates.....	203,557	120,266	83,291
II. OUTLYING PARTS OF THE UNITED STATES:			
Arts and sciences.....	1,169	778	391
Commerce.....	9	7	2
Education.....	44	19	25
Engineering.....	2	2	—
Nursing.....	10	—	10
Other.....	84	62	22
Total.....	1,318	868	450
Less duplicate enrollments.....	9	7	2
Total, excluding duplicates.....	1,309	861	448

Veterans of World War II

Enrollment of veterans of World War II in institutions of higher education came to a total of 853,007 in the fall of 1949 (table 2); these constituted 34.9 percent of the total enrollment of 2,442,463 at that time. The 1949 enrollment of 853,007 veterans represents a decrease of 166,981 from the 1,019,988 reported in the fall of 1948 and a total decrease of 269,731 from the 1,122,738 reported in the fall of 1947. The proportion of men to women remained fairly constant, men constituting 97.9 percent of the total of veterans enrolled in 1947 and 98.1 percent of the 1949 total. This proportion is not greatly different from that of persons enlisted in the armed forces, with approximately 98 percent men and 2 percent women through most of the World War II period.

Comparison of veteran and nonveteran enrollment by States and geographic regions of the United States (table XVII) brings out certain facts: Whereas in the fall of 1947 students in the non-Federal institutions of higher education numbered 162.7 for every 10,000 of the total population at that time, the corresponding figure for the fall of 1949 was 164.1. Again, for every 10,000 people in the country on July 1, 1947, 84.4 persons without declared veteran status were enrolled in an institution of collegiate or advanced standing that fall; 2 years later, in 1949, nonveterans

numbered 106.7 for every 10,000 of population. At the same time, the number of veterans in college dropped from 78.3 in 1947 to 57.4 in 1949. Thus in the fall of 1949, for every 10,000 of total population, 57 veterans and 107 nonveterans were enrolled in institutions of higher education. Figures not included here indicate that 10 years earlier, in the fall of 1939, the total enrollment of students at institutions of higher education came to approximately 114 per 10,000 of total population. All these students were of what would now be considered nonveteran status. Thus, it appears that by the fall of 1949 enrollment of non-federally-aided students was very nearly as great in proportion to the population as it was in 1939.

Among the States (excluding the District of Columbia), the range in total enrollment in higher education per 10,000 of population was from 330.6 in Utah and 280.5 in Colorado to 95.2 in New Jersey and 94.9 in Mississippi, with Missouri (166.8) and Michigan (161.7) nearest the national average.

Table XVII.—Resident college enrollment in non-Federal institutions of higher education, by veteran status and by location of institution, in relation to total population: 1949

State, by region	Population, July 1, 1949, in thousands (000 omitted)	Resident college enrollment, third week of fall term, 1949					
		Number			Per 10,000 of total population		
		All students	Veterans	Non- veterans	All stu- dents	Vet- erans	Non- vet- erans
1	2	3	4	5	6	7	8
Continental United States	148,558	1 2,437,569	853,007	1,584,553	164.1	57.4	106.7
NEW ENGLAND	9,364	174,640	66,770	107,870	186.5	71.3	115.2
Maine.....	904	9,507	3,158	6,349	105.2	35.0	70.2
New Hampshire.....	523	9,069	3,033	6,036	173.4	58.0	115.4
Vermont.....	367	7,767	2,354	5,413	211.6	64.1	147.5
Massachusetts.....	4,772	102,351	39,153	63,198	214.5	82.1	132.4
Rhode Island.....	791	13,841	5,137	8,704	175.0	65.0	110.0
Connecticut.....	2,006	32,105	13,935	18,170	160.0	69.4	90.6
MIDDLE ATLANTIC	29,944	509,751	180,548	329,203	170.2	60.3	109.9
New York.....	14,746	312,971	105,802	207,169	212.2	71.7	140.5
New Jersey.....	4,788	45,562	16,563	28,999	95.2	34.6	60.6
Pennsylvania.....	10,410	151,218	58,183	93,035	145.3	55.9	89.4
EAST NORTH CENTRAL	30,114	510,796	176,182	334,614	169.6	58.5	111.1
Ohio.....	7,995	137,743	48,094	89,649	172.3	60.2	112.1
Indiana.....	3,896	70,363	23,923	46,440	180.6	61.4	119.2
Illinois.....	8,626	151,622	51,759	99,863	175.8	60.0	115.8
Michigan.....	6,270	101,390	35,425	65,965	161.7	56.5	105.2
Wisconsin.....	3,326	49,678	16,981	32,697	149.4	51.1	98.3
WEST NORTH CENTRAL	13,723	235,852	79,649	156,203	171.9	58.1	113.8
Minnesota.....	2,916	50,709	16,857	33,852	173.9	57.8	116.1
Iowa.....	2,551	44,045	14,056	29,989	172.7	55.1	117.6
Missouri.....	3,907	65,183	23,723	41,460	166.8	60.7	106.1
North Dakota.....	583	8,673	2,913	5,760	148.8	50.0	98.8
South Dakota.....	618	8,157	2,959	5,198	132.0	48.4	83.6
Nebraska.....	1,284	22,024	7,350	14,674	171.5	57.2	114.3
Kansas.....	1,863	37,061	11,761	25,300	198.9	63.1	135.8

See footnote at end of table.

Table XVII.—Resident college enrollment in non-Federal institutions of higher education, by veteran status and by location of institution, in relation to total population: 1949—Continued

State, by region	Population, July 1, 1949, in thousands (000 omitted)	Resident college enrollment, third week of fall term, 1949					
		Number			Per 10,000 of total population		
		All students	Veterans	Non- veterans	All students	Vet- erans	Non- vet- erans
1	2	3	4	5	6	7	8
SOUTH ATLANTIC	20, 719	281, 112	99, 691	181, 421	135. 7	48. 1	87. 6
Delaware.....	319	3, 441	1, 162	2, 279	107. 9	36. 4	71. 5
Maryland.....	2, 339	36, 570	13, 238	23, 332	156. 4	56. 6	99. 8
Virginia.....	3, 297	37, 393	11, 172	26, 221	113. 4	33. 9	79. 5
West Virginia.....	1, 938	22, 834	8, 083	14, 751	117. 8	41. 7	78. 1
North Carolina.....	3, 944	45, 195	13, 736	31, 459	114. 6	34. 8	79. 8
South Carolina.....	2, 004	23, 038	7, 240	15, 798	115. 0	36. 1	78. 9
Georgia.....	3, 360	39, 094	13, 312	25, 782	116. 3	39. 6	76. 7
Florida.....	2, 679	36, 093	15, 040	21, 053	134. 7	56. 1	78. 6
District of Columbia.....	839	37, 454	16, 708	20, 746	446. 4	199. 1	247. 3
EAST SOUTH CENTRAL	11, 210	123, 658	40, 563	83, 095	110. 3	36. 2	74. 1
Kentucky.....	2, 862	32, 455	10, 942	21, 513	113. 4	38. 2	75. 2
Tennessee.....	3, 267	39, 748	11, 504	28, 244	121. 7	35. 2	86. 5
Alabama.....	3, 004	31, 760	11, 870	19, 890	105. 7	39. 5	66. 2
Mississippi.....	2, 076	19, 695	6, 247	13, 448	94. 9	30. 1	64. 8
WEST SOUTH CENTRAL	14, 266	229, 964	80, 563	149, 401	161. 2	56. 5	104. 7
Arkansas.....	1, 835	19, 445	6, 546	12, 899	106. 0	35. 7	70. 3
Louisiana.....	2, 633	35, 641	11, 941	23, 700	135. 4	45. 4	90. 0
Oklahoma.....	2, 125	45, 401	18, 385	27, 016	213. 6	86. 5	127. 1
Texas.....	7, 673	129, 477	43, 691	85, 786	168. 7	56. 9	111. 8
MOUNTAIN	4, 854	102, 659	40, 155	62, 504	211. 5	82. 7	128. 8
Montana.....	562	8, 622	3, 378	5, 244	153. 4	60. 1	93. 3
Idaho.....	572	8, 266	2, 598	5, 668	144. 5	45. 4	99. 1
Wyoming.....	276	3, 817	1, 369	2, 448	138. 3	49. 6	88. 7
Colorado.....	1, 249	35, 063	15, 158	19, 905	280. 7	121. 3	159. 4
New Mexico.....	632	9, 592	4, 085	5, 507	151. 8	64. 7	87. 1
Arizona.....	726	13, 144	4, 771	8, 373	181. 0	65. 7	115. 3
Utah.....	677	22, 380	8, 172	14, 208	330. 6	120. 7	209. 9
Nevada.....	159	1, 775	624	1, 151	111. 6	39. 2	72. 4
PACIFIC	14, 365	269, 128	88, 886	180, 242	187. 4	61. 9	125. 5
Washington.....	2, 373	43, 093	16, 129	26, 964	181. 6	68. 0	113. 6
Oregon.....	1, 493	25, 588	9, 688	15, 900	171. 4	64. 9	106. 5
California.....	10, 499	200, 447	63, 969	137, 378	190. 9	60. 1	130. 8

¹ Does not include 7,340 students at 4 United States service academies.

Great variation was also shown in the 1949 fall enrollment of veterans only, from 121.3 per 10,000 in Colorado and 120.7 in Utah to 33.9 in Virginia and 30.1 in Mississippi; States nearest the national average were Minnesota (57.8) and Nebraska (57.2).

More nonveterans than veterans were enrolled in every State and the District of Columbia with more than twice as many nonveterans as veterans in Maine, Vermont, Minnesota, Iowa, Kansas, Virginia, North Carolina, South Carolina, Tennessee, Mississippi, Idaho, and California. The number of nonveteran students per 10,000 of total population ranged

from 209.9 in Utah and 159.4 in Colorado to 64.8 in Mississippi and 60.6 in New Jersey. Missouri (106.1) and Oregon (106.5) were nearest the national average.

Other Types of Students

Up to this point the discussion has centered on the 2,659,021 resident students of college grade who enrolled during the regular session 1949-50, and the 943,021 students of the same type and level who enrolled for the summer session or sessions of 1949.

There remains a group of 1,119,525 other persons receiving instruction at or from institutions of higher education. Of this number 73,844 were enrolled as secondary or elementary pupils on the campuses of the various institutions. Some of these were children or young people brought to the campus to provide practice teaching facilities for students preparing for the teaching profession; this group was only 1.8 percent larger than a similar group of 72,543 reported for 1947-48. Another group included 45,103 persons coming to the campus for individual instruction in music, art, public speaking, or other specialties; many of these were children, but a large number were adults who desired individual instruction in some of these branches for their own cultural or vocational purposes. This group exceeded the corresponding group of 41,383 reported for 1947-48 by 3,720, or 9.0 percent.

A third group included those taking short courses, usually but not necessarily on the campus. The 1949-50 group of this type numbered 151,883, which exceeded the 1947-48 corresponding group of 130,497 by 21,386, or 16.4 percent.

The largest single group of special students is composed of those taking instruction by correspondence or in extension classes or off-campus centers. This group numbered 848,695 in 1949-50; it exceeded the 1947-48 group of this type by 11.7 percent. Of special interest is the fact that the number of women taking instruction by this method increased 17.7 percent during the 2-year period, whereas the number of men increased by only 7.3 percent.

Adding these various groups of students—adults, children, short-course, individual instruction, etc.—to the 2,659,021 students of college grade previously mentioned brings the grand total of registrations in institutions of higher education to 4,721,567. This number, which is 3.2 percent larger than the corresponding figure for 1947-48, is actually 3.1 percent of the entire United States population of 150,697,361 reported for 1950. Ignoring duplication among the different types of registration—not a quantitatively important factor—it appears that about 1 person in every 30 or 35 was in 1949-50 receiving instruction of some sort from an institution of higher education.

Table XVIII.—Student enrollment, institutions of higher education, by control and type of institution, and by type of registration: 1949-50

Type of registration	All institutions			Publicly controlled institutions			Privately controlled institutions		
	Enroll- ment	Percent of—		Enroll- ment	Percent of—		Enroll- ment	Percent of—	
		Regular session only	Grand total		Regular session only	Grand total		Regular session only	Grand total
I. ALL INSTITUTIONS									
1	2	3	4	5	6	7	8	9	10
Grand total: 1 regular session, summer session, and special groups	4,721,567		100.0	2,716,438		100.0	2,005,129		100.0
Regular session only	2,732,865	100.0	57.9	1,398,977	100.0	51.5	1,333,883	100.0	66.5
Resident college enrollment	2,659,021	97.3	56.3	1,354,902	96.8	49.9	1,304,119	97.8	65.0
Resident noncollegiate enrollment	73,844	2.7	1.6	44,075	3.2	1.6	29,769	2.2	1.5
Summer session, 1949, collegiate only	943,021		20.0	536,823		19.7	406,198		20.2
Other groups, entire year:									
Correspondence and extension	848,695		18.0	651,015		24.0	197,680		9.9
Short courses	151,883		3.2	124,407		4.6	27,476		1.4
Individual instruction	45,103		.9	5,216		.2	39,887		2.0
II. UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS									
Grand total: 1 regular session, summer session, and special groups	3,882,449		100.0	1,983,555		100.0	1,898,894		100.0
Regular session only	2,232,283	100.0	57.5	979,564	100.0	49.4	1,253,689	100.0	66.0
Resident college enrollment	2,201,715	98.6	56.7	965,257	98.5	48.7	1,236,458	98.6	65.1
Resident noncollegiate enrollment	31,538	1.4	.8	14,307	1.5	.7	17,231	1.4	.9
Summer session, 1949, collegiate only	768,287		19.8	379,808		19.1	388,489		20.5
Other groups, entire year:									
Correspondence and extension	709,069		18.3	517,211		26.1	191,858		10.1
Short courses	130,529		3.3	103,319		5.2	27,210		1.4
Individual instruction	41,301		1.1	3,653		.2	37,648		2.0

III. TEACHERS COLLEGES

Grand total: 1 regular session, summer session, and special groups	458,897	100.0	433,300	100.0	25,597	100.0
Regular session only	242,789	100.0	228,711	100.0	14,078	100.0
Resident college enrollment	213,227	87.8	200,611	87.7	12,616	89.6
Resident noncollegiate enrollment	29,562	12.2	28,100	12.3	1,462	10.4
Summer session, 1949, collegiate only	135,599	29.5	126,105	29.1	9,494	37.1
Other groups, entire year:	74,280	16.2	72,612	16.8	1,668	6.5
Correspondence and extension	4,528	1.0	4,526	1.0	2	(2)
Short courses	1,701	.4	1,346	.3	355	1.4
Individual instruction						
IV. JUNIOR COLLEGES AND NORMAL SCHOOLS						
Grand total: 1 regular session, summer session, and special groups	380,221	100.0	299,553	100.0	80,638	100.0
Regular session only	256,823	100.0	190,702	100.0	66,121	82.0
Resident college enrollment	244,079	95.0	189,034	99.1	55,045	68.3
Resident noncollegiate enrollment	12,744	5.0	1,668	.9	11,076	13.7
Summer session, 1949, collegiate only	39,125	10.3	30,910	10.3	8,215	10.2
Other groups, entire year:	65,346	17.2	61,192	20.4	4,154	5.2
Correspondence and extension	16,826	4.4	16,562	5.5	264	2.3
Short courses	2,101	.6	217	.1	1,884	2.3
Individual instruction						

1 Includes an unascertained number of duplicates, especially between summer session and regular session.

2 Less than 0.05 of 1 percent.

Degrees

Nearly 500,000 earned degrees were conferred by institutions of higher education in 1949-50, the exact number being 496,874. Of this number 432,058, or 87.0 percent, were at the level of the baccalaureate, and 58,183, or 11.7 percent, were at the master's level. The remaining 6,633 (1.3 percent) were doctorates of various types.

Historical Trends

The 1949-50 total of all degrees is 16.9 times that of 1899-1900, when 29,362 degrees were awarded. During this 50-year period, enrollments in higher education increased from 237,592 to 2,659,021, the 1949-50 figure being 11.2 times that for 1899-1900. Thus, graduation from college is increasing at a somewhat faster rate than college attendance. This suggests that a larger proportion of college students are now remaining to finish a 4-year course than formerly, a suggestion given substance by the fact that whereas in 1899-1900 only 11.5 percent of the college student body received the bachelor's degree at the end of the year, in 1949-50 the corresponding percentage was 16.2. Further substantiation is seen in the fact that enrollment in non-degree-granting institutions (normal schools and junior colleges) dropped from 29 percent of the higher education total for 1899-1900 to less than 10 percent of that for 1949-50.

The 1949-50 total number of degrees conferred (496,874) is the largest in the history of American higher education. It exceeds by more than 50,000 the highest total resident college enrollment of all students for any year up to the end of World War I. In fact, the 1917-18 total enrollment of 440,742 was but little more than the number of bachelor's degrees conferred in 1949-50, while the number of master's degrees conferred in this later year was more than enough to have replaced the entire teaching faculty of all American higher education in any year up to 1919-20.

The 1949-50 conferral of all degrees was 56.4 percent larger than that of 1947-48. Corresponding percentages of increase for the various levels were: bachelor's 59.4; master's 37.2; and doctor's 58.4.

Of special interest is the shift in the proportion of degrees by level. In 1899-1900 bachelor's and first professional degrees amounted to 93.3 percent of the total number of conferrals, master's to 5.4 percent, and doctor's to 1.3 percent. In 1949-50 bachelor's amounted to only 87.0 percent of the total with master's 11.7, and doctorates again at 1.3 percent. This does not tell the complete story, however. The bachelor's degree seems to have reached its highest relative point in 1899-1900 with the percentage just mentioned. Ten years earlier, however, it

had come to 93.2 percent of that year's total. It apparently dropped to its lowest proportion of the total (85.3 percent) in 1947-48.

The master's degree, which had accounted for 6.0 percent of the 1889-90 total, dropped to 5.4 percent in 1899-1900, rose to 13.4 percent in 1947-48, and dropped back to 11.7 in 1949-50.

The doctorate started the century at 1.3 percent of all degrees conferred, dropped as low as 1.0 percent in 1909-10, and reached 1.8 percent in 1933-34. From 1929-30 to 1943-44 it did not drop below 1.5, but since that year it has stood at 1.3 percent of all degrees: the same as the 1899-1900 percentage. Actually, it has made a very slight net advance during the half-century: from 1.257 percent in 1899-1900 to 1.335 in 1949-50. Its largest advance took place in the decade just preceding 1900. In 1889-90 the 126 doctorates conferred amounted to only 0.756 of 1 percent of the total of 16,674 degrees conferred during the year. Had that same percentage held for 1949-50, only 3,756 doctorates would have been conferred instead of the 6,633 actually reported.

Table XIX.—Historical summary of earned degrees conferred,¹ by level of degree: 1899-1900 to 1949-50

Year	Degrees conferred, by level				Percentage of all degrees		
	All degrees	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8
1899-1900.....	29,362	27,410	1,583	369	93.3	5.4	1.3
1900-10.....	41,390	37,199	3,771	420	89.9	9.1	1.0
1910-20.....	53,487	48,622	² 4,301	² 564	90.9	8.0	1.1
1920-30.....	139,743	122,484	² 15,043	² 2,216	87.6	10.8	1.6
1931-32.....	160,084	138,063	19,367	2,654	86.2	12.1	1.7
1933-34.....	157,279	136,156	18,293	2,830	86.6	11.6	1.8
1935-36.....	164,197	143,125	18,302	2,770	87.2	11.1	1.7
1937-38.....	189,503	164,943	21,628	2,932	87.0	11.4	1.6
1939-40.....	216,521	186,500	26,731	3,290	86.1	12.4	1.5
1941-42.....	213,491	185,346	24,648	3,497	86.8	11.6	1.6
1943-44.....	141,582	125,863	13,414	2,305	88.9	9.5	1.6
1945-46.....	157,349	136,174	19,209	1,966	86.5	12.2	1.3
1947-48.....	317,607	271,019	42,400	4,188	85.3	13.4	1.3
1949-50: Total.....	496,874	432,058	58,183	6,633	87.0	11.7	1.3
Men.....	376,051	328,841	41,220	5,990	87.4	11.0	1.6
Women.....	120,823	103,217	16,963	643	85.4	14.1	.5

¹ Continental United States only.

² Revision of figures previously published; based on reanalysis of original reports.

The 1949-50 Status

In 1949-50, as in 1947-48, men outnumbered women in degrees earned, at every level and in every geographic region of the Nation. The total number of degrees conferred in 1949-50 was more than twice the total number in 1939-40. This was true at each of the three levels (table XX).

DOCTOR'S		3, 290	1, 966	4, 188	5, 292	6, 633	2, 861	1, 580	3, 687	4, 770	5, 980	429	386	501	522	643
Continental United States																
New England	-----	455	240	673	936	857	414	205	606	880	799	41	35	67	56	58
Middle Atlantic	-----	872	589	984	1, 272	1, 788	706	449	772	1, 101	1, 568	166	140	162	171	220
East North Central	-----	914	510	1, 217	1, 339	1, 709	809	412	1, 089	1, 212	1, 613	105	98	128	127	156
West North Central	-----	321	183	345	462	616	286	143	311	431	559	35	40	34	31	57
South Atlantic	-----	260	141	331	389	481	225	113	276	334	430	35	28	55	55	51
East South Central	-----	53	28	55	65	85	41	25	51	63	80	12	3	4	2	5
West South Central	-----	94	47	117	152	181	87	50	111	140	165	7	7	6	12	16
Mountain	-----	27	18	55	69	102	25	16	52	61	95	2	2	3	8	7
Pacific	-----	294	200	461	608	754	268	167	419	548	681	26	33	42	60	73
Percent of earned degrees granted in 1949-50 (U. S. totals):																
Bachelor's or first professional	-----	100.0	73.0	145.3	195.9	231.7	100.0	53.6	160.2	240.6	300.2	100.0	126.7	124.2	132.4	134.1
Master's or equivalent	-----	100.0	71.9	158.6	190.1	217.7	100.0	57.5	175.1	213.6	249.7	100.0	95.1	130.1	152.0	165.9
Doctor's	-----	100.0	59.8	127.3	160.9	201.6	100.0	55.2	123.9	166.7	209.4	100.0	90.0	116.8	121.7	149.9

¹ Regional figures have been adjusted to include estimates for institutions not reporting.

The increase in the number of earned degrees was both numerically and proportionately much greater for men than for women. Thus, at the baccalaureate level, the number of degrees conferred on men in 1949-50 was three times as great as in 1939-40; the number conferred on women was only one and one-third times as great. At the master's level, the number of degrees conferred on men in 1949-50 was almost two and one-half times as great as in 1939-40; but the number conferred on women in the later year was only one and two-third times as great as for the earlier year. At the doctorate level, the number of degrees conferred on men in 1949-50 was slightly more than twice as great as in 1939-40; the number conferred on women was a scant one and one-half times as great as in the earlier year.

This great increase in number of degrees conferred on men is undoubtedly a reflection of the operation of the Servicemen's Readjustment Act of 1944, under which veterans of World War II entered college in great numbers during the first few years after that war. Since well over 90 percent of the veterans enrolled were men and since many of those who entered in 1946 took the baccalaureate in 1950, it is only reasonable to expect that many more men than women would be graduated at that level. The additional fact that many veterans entered with advanced standing offers a further explanation of the rapid increase in number of advanced degrees conferred on men as compared with the number conferred on women.

Analysis by Major Field of Study

When degrees conferred in 1949-50 are analyzed by level, sex of recipient, and major field of study (table XXI), certain inferences seem warranted:

1. Women are taking degrees in certain traditionally masculine fields and conversely, men are taking degrees in fields traditionally considered feminine; this movement, however, is not pronounced at the present time.
2. The possible spread of specialized study is apparently almost limitless. In 1949-50 conferral of degrees (up to and including the doctorate) was tabulated for nearly 70 fields. Well over twice that number of other fields of study have been reported to this office, with conferrals so irregular in frequency or so limited in number as to render separate tabulation inadvisable.

It should be remembered that the data analyzed in table XXI include degrees conferred not only in continental United States, but in the outlying parts as well. The number of degrees conferred by institutions in Alaska, Hawaii, and Puerto Rico was so small in comparison with the grand total that conclusions for continental United States based on these figures would not be seriously erroneous.

Table XXI.—*Earned degrees conferred, by major field of study: 1949-50*

[Includes degrees conferred in continental United States and outlying parts of the United States]

Major field of study	Bachelor's and first professional			Master's and second professional			Doctor's		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Grand total	433, 734	329, 819	103, 915	58, 219	41, 237	16, 982	6, 633	5, 990	643
Agriculture.....	10, 908	10, 766	142	1, 080	1, 070	10	316	312	4
Anatomy.....	123	121	2	65	54	11	15	11	4
Animal husbandry.....	1, 697	1, 677	20	135	133	2	26	26	—
Anthropology.....	324	186	138	82	57	25	34	27	7
Architecture.....	2, 563	2, 441	122	166	159	7	1	1	—
Astronomy.....	30	26	4	22	18	4	16	15	1
Bacteriology.....	870	563	307	327	247	80	74	60	14
Biochemistry.....	175	160	15	144	114	30	116	99	17
Biology.....	10, 428	8, 121	2, 307	549	419	130	81	69	12
Botany.....	494	385	109	299	234	65	126	116	10
Business and commerce.....	72, 137	65, 911	6, 226	4, 335	4, 006	329	58	52	6
Chemistry.....	10, 619	9, 134	1, 485	1, 576	1, 368	208	953	914	39
Dental science.....	335	282	53	89	84	5	1	1	—
Dentistry, D. D. S. only.....	2, 579	2, 561	18	—	—	—	—	—	—
Economics.....	14, 573	13, 471	1, 102	921	807	114	200	191	9
Education.....	46, 635	18, 882	27, 753	18, 311	10, 588	7, 723	861	719	142
Engineering.....	52, 246	52, 071	175	4, 496	4, 481	15	417	416	1
Aeronautical.....	1, 712	1, 698	14	373	372	1	23	23	—
Chemical.....	4, 506	4, 474	32	699	698	1	173	172	1
Civil.....	7, 781	7, 761	20	689	686	3	28	28	—
Electrical.....	13, 270	13, 231	39	1, 057	1, 055	2	80	80	—
Mechanical.....	14, 441	14, 414	27	784	781	3	46	46	—
Other engineering.....	10, 536	10, 493	43	894	889	5	67	67	—
English.....	17, 246	8, 223	9, 023	2, 259	1, 320	939	230	181	49
Entomology.....	127	118	9	89	85	4	52	50	2
Fine arts.....	5, 707	2, 590	3, 117	525	345	180	12	6	6
Forestry.....	2, 394	2, 394	—	290	289	1	26	26	—
Geography.....	757	611	146	203	150	53	40	36	4
Geology.....	3, 043	2, 934	109	493	477	16	113	110	3
History.....	13, 567	10, 242	3, 325	1, 801	1, 373	428	275	246	29
Home economics.....	7, 976	91	7, 885	645	15	630	17	1	16
Industrial arts.....	4, 036	3, 951	85	352	346	6	5	5	—
International relations.....	981	866	115	279	237	42	25	23	2
Journalism.....	4, 937	3, 848	1, 089	315	271	44	3	3	—
Language, classical.....	671	474	197	131	72	59	28	19	9
Language, modern.....	4, 489	1, 752	2, 737	921	457	464	168	135	33
French.....	1, 473	511	962	299	132	167	53	38	15
German.....	540	359	181	121	75	46	40	32	8
Spanish.....	2, 132	701	1, 431	375	166	209	34	26	8
Russian.....	36	24	12	32	18	14	7	7	—
Other languages.....	308	157	151	94	66	28	34	32	2
Law.....	14, 312	13, 891	421	513	492	21	27	26	1
Library science.....	1, 057	155	902	549	226	323	5	4	1
Mathematics.....	6, 392	4, 946	1, 446	974	784	190	160	151	9
Medical sciences (not else- where classified).....	3, 224	2, 495	729	432	390	42	44	39	5
Medicine, M. D. only.....	5, 612	5, 028	584	—	—	—	—	—	—
Metallurgy.....	476	469	7	120	119	1	46	46	—
Meteorology.....	143	138	5	51	49	2	12	11	1
Military or naval science.....	162	162	—	—	—	—	—	—	—
Music.....	7, 934	4, 069	3, 865	1, 489	942	547	34	32	2
Natural sciences (not else- where classified).....	1, 783	1, 465	318	56	39	17	10	8	2

Table XXI.—Earned degrees conferred, by major field of study: 1949-50—Con.

(Includes degrees conferred in continental United States and outlying parts of the United States)

Major field of study	Bachelor's and first professional			Master's and second professional			Doctor's		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Nursing.....	3,292	23	3,269	368	5	363	2	-----	2
Optometry.....	1,801	1,782	19	-----	-----	-----	-----	-----	-----
Osteopathy.....	346	327	19	8	7	1	-----	-----	-----
Pharmacy.....	5,751	5,310	441	114	92	22	48	47	1
Philosophy.....	2,835	2,449	386	277	248	29	83	69	14
Physical education.....	11,054	8,657	2,397	1,406	1,091	315	87	73	14
Physics.....	3,414	3,287	127	922	888	34	358	353	5
Physiology.....	133	72	61	147	126	21	36	30	6
Political science.....	6,346	5,366	980	710	597	113	127	117	10
Psychology.....	9,582	6,058	3,524	1,316	948	368	283	241	42
Public administration.....	273	252	21	190	166	24	14	13	1
Public health.....	440	227	213	523	355	168	25	18	7
Religious education and Bible.....	3,088	2,093	995	506	260	246	64	61	3
Social sciences (not elsewhere classified).....	7,472	5,270	2,202	431	261	170	49	42	7
Social work.....	1,269	439	830	1,747	550	1,197	4	3	1
Sociology.....	7,887	3,848	4,039	552	373	179	98	80	18
Speech and dramatic arts.....	4,269	2,321	1,948	652	396	256	43	37	6
Theology.....	3,221	3,010	211	597	528	69	132	130	2
Veterinary medicine.....	803	791	12	21	20	1	8	8	-----
Zoology.....	3,289	2,727	562	551	435	116	125	102	23
Arts (without major).....	12,285	9,365	2,920	1,326	952	374	27	27	-----
Sciences (without major).....	6,680	5,604	1,076	426	379	47	30	29	1
All other fields of study.....	4,442	2,871	1,571	345	243	102	363	323	40

It should also be remembered that although the great majority of college students attend college and graduate fairly close to their homes, many students, especially in graduate or professional work, cross State or regional lines. The data here analyzed refer to location of institutions conferring degrees, not to residence of degree recipients.

Furthermore, in certain rare instances a person may receive two degrees in 1 year. These may be two degrees of the same level but with different majors, or they may be of two levels, presumably but not necessarily in the same field. The data here given refer to number of conferrals and probably include some duplication of persons. This duplication is believed to be minor.

Population and College Graduation

Elsewhere in this report reference has been made to the relation between the total population and the population 18 to 21 years of age, on the one hand, and student enrollment in higher education, on the other. It would appear that a similar relation might be worked out involving degrees conferred instead of student enrollment.

Thus, under normal conditions a person of average ability could expect to finish the college course and take the bachelor's degree at age 21.

The difficulty is, however, that conditions are almost never "normal." Some qualifications are usually necessary:

(1) In the first place, data published by the Office of Education on the number of bachelor's and first professional degrees conferred are susceptible of misunderstanding. This is because they include not only bachelor's degrees in arts and sciences, but also first professional degrees, a few of which involve 5, 6, 7, or even 8 years of work beyond high-school graduation. The Office of Education does not publish data on baccalaureates in arts only, or on first professional degrees involving only 4 years of work.

(2) A second complication is seen in the fact that all data on enrollment in and graduation from college from 1941-42 on have been thrown out of "normal" by the war, postwar, and Korean situation. Students are dropping out of school younger and returning older than in normal times.

(3) The presence of foreign students in American institutions of higher education, and the enrollment of American students in foreign institutions, offers a slight complication.

(4) Finally, it is well-known that even in so-called normal times, students progress through school and college at varying rates of speed, some accomplishing the course in less than the prescribed time and some requiring a longer period. Some of this is due to variations in abilities of students, some to economic or other circumstances which necessitate speeding up or dropping out between school years. This factor, operating to some extent in the case of undergraduates, is especially important in the case of graduate students.

Two studies including data on the age of persons taking the doctorate in the sciences are of interest here. In the Department of Labor study of American Men of Science,⁵ the median age of 25,799 persons taking the Ph. D. degree is given as 29, suggesting that either these persons did not take the baccalaureate at the normal age of 21, or they did not proceed to the doctorate within the "normal" (really the minimum) period of 3 years. The other study, by Scates, Murdock, and Yeomans,⁶ showed that of 19,576 persons taking the doctorate in the sciences between 1936 and 1948, fewer than 10 percent did so within 3 years after taking the baccalaureate. The median number of years elapsed was a little over 6, with the quartiles roughly at 4 and 9. It is perhaps safe to assume that the master's degree is taken typically at an age below 25, and the doctor's degree at an age below 30.

In spite of the uncertainties and qualifications noted above, there would appear to be some significance in the ratio between the number of persons taking a degree and the number in the age-group at which the degree would normally be taken. In 1950, a total of 432,058 bachelor's and first professional degrees were conferred; this was 18.8 percent (roughly 1 in 5) of the estimated population of 2,302,000⁷ aged 21 in 1950; this percentage will probably decline after the veterans of World War II have completed their college work. Corresponding percentages for master's and doctor's degrees (using one-fifth of the age-groups 20-24 and 25-29, respectively, as a base) are 2.57 (roughly 1 in 40) and 0.27 (roughly 1 in 360).

⁵ U. S. Department of Labor, Bureau of Labor Statistics. *Employment, Education, and Earnings of American Men of Science*. Washington, U. S. Government Printing Office, 1951. Table 11, p. 12.

⁶ Douglas E. Scates, Bernard C. Murdock, and Alice V. Yeomans. *The Production of Doctorates in the Sciences: 1936-1948*. Washington, D. C., American Council on Education, 1951. Table XXVIII, p. 96.

⁷ Provisional estimate by U. S. Bureau of the Census, July 1, 1950.

Table 1.—*Historical summary of higher education: 1889-90 to 1949-50*

Item	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1941-42	1943-44	1945-46	1947-48	1949-50
1	2	3	4	5	6	7	8	9	10	11	12
STAFF ¹											
Total.....	2 15,809	23,868	36,480	48,615	82,356	131,552	134,137	134,451	136,032	196,300	210,349
Men.....	12,704	19,151	29,132	35,807	60,017	94,536	96,251	93,794	93,876	143,243	157,691
Women.....	3,105	4,717	7,348	12,808	22,339	37,016	37,886	40,657	42,156	53,057	52,658
RESIDENT COLLEGE ENROLLMENTS ³											
Total.....	2 156,756	237,592	2 355,213	597,880	1,100,737	1,494,203	1,403,990	1,155,272	1,676,851	2,616,262	2,659,021
Men.....	100,453	152,254	214,648	314,933	619,935	893,250	818,559	578,948	927,662	1,836,339	1,853,068
Women.....	56,303	85,338	140,565	282,942	480,802	600,953	585,431	576,324	749,189	779,923	805,953
DEGREES											
Bachelor's including first professional:											
Total.....	2 15,539	27,410	2 37,199	48,622	122,454	156,500	155,346	125,863	136,174	271,019	432,058
Men.....	12,857	22,173	28,762	31,980	73,615	109,546	103,889	55,865	58,664	175,456	328,841
Women.....	2,682	5,237	8,437	16,642	48,839	76,954	81,457	69,998	77,510	95,563	103,217
Master's or second professional:											
Total.....	2 1,009	1,583	3,771	4 4,301	415,043	26,731	24,648	13,414	19,209	42,400	58,153
Men.....	816	1,280	3,091	3,005	8,997	16,508	14,179	5,711	9,484	28,809	41,270
Women.....	193	303	680	1,296	6,046	10,223	10,469	7,703	9,725	13,501	16,963
Doctors:											
Total.....	2 126	369	420	4 564	4 2,216	3,290	3,497	2,305	1,966	4,188	6,633
Men.....	119	348	376	471	1,870	2,861	3,036	1,880	1,580	3,687	5,990
Women.....	7	21	44	93	346	429	461	425	386	501	643
FINANCES ⁵											
Educational and general income.....	\$21,464	\$35,084	\$76,053	\$172,929	\$483,065	\$571,288	\$626,296	\$863,654	\$924,958	\$1,538,076	\$1,833,845
Educational and general expenditures.....	(⁶)	(⁶)	(⁶)	(⁶)	377,903	521,990	572,465	656,802	820,326	1,391,594	1,706,444
Value of physical property.....	95,426	253,699	460,532	741,333	1,925,095	2,753,780	2,759,281	(⁷)	(⁶)	3,996,000	5,272,590
Endowment and other nonexpendable funds.....	78,788	194,998	323,661	569,071	1,512,023	1,764,604	1,766,664	(⁷)	(⁶)	2,497,727	2,644,323

¹ Administrative and instructional. Totals, 1889-90 to 1929-30; full-time equivalent, later years.² Distribution by sex estimated.³ Regular session only, September to June.⁴ Changes from figures previously published, brought about by re-analysis of original reports.⁵ In thousands of dollars (i. e., 000 omitted).⁶ Data not collected.⁷ Data not tabulated.

Table 2.—Faculty, students, and degrees, institutions of higher education: 1949-50 and 1947-48

Item	1949-50							1947-48 total
	Universities, colleges, and professional schools		Teachers colleges		Junior colleges and normal schools		Total	
	Publicly controlled	Privately controlled	Publicly controlled	Privately controlled	Publicly controlled	Privately controlled		
1	2	3	4	5	6	7	8	9
NUMBER OF INSTITUTIONS.....								
FACULTY:								
Total different individuals.....								
Men.....								
Women.....								
Full-time equivalent.....								
Men.....								
Women.....								
RESIDENT COLLEGE ENROLLMENTS:								
Regular session (September-June).....								
Men.....								
Women.....								
Third week of fall term.....								
Men.....								
Women.....								
Veterans of World War II ..								
Men.....								
Women.....								
First time in any college.....								
Men.....								
Women.....								

Table 2.—Faculty, students, and degrees, institutions of higher education: 1949-50 and 1947-48—Continued

Item	1949-50							1947-48 total	
	Universities, colleges, and professional schools		Teachers colleges		Junior colleges and normal schools		Total		
	Publicly controlled	Privately controlled	Publicly controlled	Privately controlled	Publicly controlled	Privately controlled			
1	2	3	4	5	6	7	8	9	
RESIDENT COLLEGE ENROLLMENTS:—Continued	Undergraduate.....	785,035	1,007,392	188,412	10,591	177,163	49,663	2,218,256	2,260,503
	Men.....	574,409	730,596	105,245	4,020	120,049	26,322	1,560,641	1,607,603
	Women.....	210,626	276,796	83,167	6,571	57,114	23,341	657,615	652,900
	Graduate.....	99,948	127,842	7,984	1,434	-----	-----	237,208	174,432
	Men.....	72,589	94,077	4,609	886	-----	-----	172,161	120,177
	Women.....	27,359	33,765	3,375	548	-----	-----	65,047	54,255
	Special.....	80,274	101,224	4,215	591	11,871	5,382	203,557	181,327
	Men.....	46,119	61,210	1,549	12	7,518	3,858	120,266	108,559
	Women.....	34,155	40,014	2,666	579	4,353	1,524	83,291	72,768
	Summer sessions, 1949 and 1947.....	379,808	388,489	126,105	9,494	30,910	8,215	943,021	955,429
Men.....	257,997	254,235	55,745	2,872	20,039	4,331	595,219	632,086	
Women.....	121,811	134,254	70,360	6,622	10,871	3,884	347,802	323,343	
OTHER ENROLLMENTS:									
Resident noncollegiate.....	14,307	17,231	28,100	1,462	1,668	11,076	73,844	72,543	
Men and boys.....	6,528	11,567	13,867	584	1,636	6,152	40,334	42,039	
Women and girls.....	7,779	5,664	14,233	878	32	4,924	33,510	30,504	
Nonresident (correspondence, extension).....	517,211	191,858	72,612	1,668	61,192	4,154	848,695	759,909	
Men.....	294,887	126,467	17,851	353	31,048	3,308	474,814	442,330	
Women.....	222,324	65,391	54,761	1,315	29,244	846	373,881	317,579	

Short courses.....	103,319	27,210	4,526	2	16,562	264	151,883	130,497
Men.....	67,637	15,344	1,830	-----	6,565	132	91,508	77,426
Women.....	35,682	11,866	2,696	2	9,997	132	60,375	53,071
Individual instruction.....	3,653	37,648	1,346	355	217	1,884	45,103	41,383
Men and boys.....	2,702	15,296	445	112	91	431	19,077	15,944
Women and girls.....	951	22,352	901	243	126	1,453	26,026	25,439
EARNED DEGREES CONFERRED:								
Bachelor's or first professional.....	176,510	213,979	39,298	2,271	-----	-----	432,068	271,019
Men.....	139,597	165,907	22,235	1,102	-----	-----	328,841	175,456
Women.....	36,913	48,072	17,063	1,169	-----	-----	103,217	95,563
Master's or second professional.....	22,966	31,335	3,190	692	-----	-----	58,183	42,400
Men.....	17,019	21,733	1,962	506	-----	-----	41,220	28,899
Women.....	5,947	9,602	1,228	186	-----	-----	16,963	13,501
Doctor's.....	2,658	3,953	10	12	-----	-----	6,633	4,188
Men.....	2,449	3,523	9	9	-----	-----	5,990	3,687
Women.....	209	430	1	3	-----	-----	643	501

Table 3.—*Faculty, students, and degrees, institutions of higher education, by State: 1949-50*

A. ALL INSTITUTIONS

State	Faculty (reduced to full-time basis)		RESIDENT COLLEGE ENROLLMENTS										OTHER ENROLLMENTS				DEGREES			
			Regular session 1949-50		Third week of fall term 1949	First time any col- lege	Veter- ans of World War II 1	Summer session 1949		Resi- dent (colle- gate non- colle- gate)	Non- resi- dent (colle- gate non- colle- gate)	Short courses	Indi- vid- ual in- struc- tion	Bachelor's and first professional		Master's and second professional		Doctor's		
								Men	Wom- en					Men	Wom- en	Men	Wom- en	Men	Wom- en	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Continental United States																				
Alabama	157,691	52,658	1,533,068	805,953	2,442,463	594,126	853,007	595,219	347,802	73,844	848,695	151,883	45,103	328,841	103,217	41,220	16,963	5,990	643	
Arizona	1,964	1,017	25,297	11,020	31,760	8,436	11,870	12,523	7,402	3,448	21,979	1,156	97	5,432	2,260	311	176	---	---	
Arkansas	1,540	624	9,918	4,193	13,144	3,743	4,771	3,565	2,112	1,070	2,807	20	---	1,387	579	108	60	---	---	
California	14,146	3,553	151,330	66,469	200,447	61,271	63,069	56,335	30,080	2,502	237,006	11,100	660	20,154	6,200	3,099	851	596	69	
Colorado	2,290	570	28,381	10,601	35,063	8,265	15,158	12,929	7,626	435	16,072	2,459	835	5,668	1,314	1,114	335	55	---	
Connecticut	2,558	881	23,872	6,569	31,907	6,577	13,935	4,023	2,525	97	9,418	921	1,052	4,752	1,096	485	188	181	16	
Delaware	355	102	2,581	1,011	764	1,162	1,764	838	426	118	1,442	---	---	486	156	61	11	22	1	
Florida	2,294	873	26,027	11,605	36,093	9,066	15,040	12,566	5,985	1,357	9,768	3,124	536	5,205	1,759	427	136	16	---	
Georgia	2,311	1,099	30,566	14,757	39,082	12,323	13,312	11,915	8,947	1,659	16,238	2,792	770	5,747	1,978	474	231	10	1	
Idaho	550	179	6,757	2,580	8,266	3,221	2,598	1,372	994	415	2,682	169	163	1,179	274	97	14	---	---	
Illinois	8,518	2,821	117,664	50,446	151,475	32,771	51,759	34,389	19,944	5,162	27,971	21,855	6,170	18,731	5,807	3,234	1,204	603	71	
Indiana	4,510	1,966	58,383	22,880	70,363	17,530	23,923	19,753	8,317	2,174	25,300	16,783	8,783	11,340	2,999	1,342	421	238	18	
Iowa	3,215	1,269	32,012	14,959	44,045	11,182	14,056	11,197	7,182	1,573	14,234	16,196	1,017	7,353	1,930	835	227	224	29	
Kansas	2,448	1,138	27,226	11,848	37,061	9,726	11,761	9,235	7,365	1,553	12,805	1,162	508	5,108	1,598	339	95	35	1	
Kentucky	1,718	991	21,641	10,967	32,289	8,031	10,942	10,878	5,944	2,609	8,171	1,924	193	4,487	1,378	411	180	42	2	
Louisiana	2,283	997	26,850	11,425	35,641	5,803	11,941	10,602	5,979	1,226	6,430	2,370	---	4,861	1,729	388	187	34	4	
Maine	636	247	6,647	2,897	9,373	2,580	3,158	924	1,292	255	2,580	50	444	1,776	484	72	20	---	---	
Maryland	2,758	765	26,559	9,972	36,570	7,221	13,238	5,410	3,043	824	4,715	4,547	13	3,759	1,376	366	120	111	9	
Massachusetts	8,826	1,992	73,561	29,908	102,311	21,028	39,153	15,579	5,322	998	9,853	59	1,015	12,212	4,207	3,074	1,004	589	35	
Michigan	5,297	1,575	80,967	33,368	101,361	21,329	35,425	21,943	13,352	3,396	30,875	5,829	1,460	13,843	3,810	2,343	951	225	19	
Minnesota	3,284	1,471	37,495	17,582	50,709	12,889	16,857	12,853	7,731	2,377	19,668	9,662	7,436	7,807	2,748	751	217	149	14	
Mississippi	1,486	820	14,275	7,930	19,695	6,601	6,247	6,212	5,282	1,199	8,157	2,802	1,495	2,789	1,093	282	82	---	---	
Missouri	3,851	1,506	49,307	21,233	65,183	17,079	23,723	13,396	10,364	3,034	16,393	2,202	4,495	8,763	2,165	884	316	120	12	
Montana	600	208	6,855	3,240	8,622	2,370	3,378	1,562	1,760	---	1,381	121	71	1,508	304	117	24	---	---	
Nebraska	1,553	652	16,133	7,236	22,024	5,289	7,350	5,548	5,075	2,618	12,980	487	607	3,817	1,009	228	111	28	1	

Nevada.....	175	55	1,401	550	1,775	359	624	718	439	212	6	264	80	5	1
New Hampshire.....	762	202	7,332	2,211	9,569	2,642	3,033	830	1,087	120	1,212	1,682	348	17	14
New Jersey.....	3,197	685	34,344	11,141	45,562	11,382	16,563	9,150	3,118	1,737	16,163	6,635	1,680	187	133
New Mexico.....	800	201	8,349	3,128	9,592	2,752	4,085	3,674	3,260	869	1,346	1,437	425	138	47
New York.....	18,795	5,587	236,702	116,263	312,971	60,185	105,802	64,924	32,660	3,237	45,977	33,636	11,877	7,095	4,268
North Carolina.....	3,310	1,537	30,740	16,193	45,195	13,043	13,736	12,092	7,770	2,142	22,499	5,997	2,309	467	214
North Dakota.....	574	205	6,791	2,686	8,673	3,073	2,913	1,702	1,689	772	1,580	1,260	294	73	6
Ohio.....	7,544	2,438	102,410	43,514	137,743	31,081	48,094	29,003	14,047	369	11,866	5,329	1,455	539	271
Oklahoma.....	2,273	914	35,860	13,880	45,347	11,067	18,385	13,403	6,688	1,462	13,524	6,670	2,147	654	292
Oregon.....	1,724	555	23,074	11,658	25,588	6,760	9,688	4,849	3,408	296	1,415	4,313	1,132	319	92
Pennsylvania.....	10,588	2,893	113,541	39,713	150,355	31,100	58,183	30,652	15,335	2,248	40,004	23,376	5,991	2,686	960
Rhode Island.....	955	300	10,358	3,471	13,841	3,912	5,137	856	1,276	238	7,661	1,997	586	86	41
South Carolina.....	1,698	801	16,135	8,123	23,038	6,260	7,240	6,203	6,051	1,590	10,995	3,560	1,556	114	102
South Dakota.....	694	259	6,454	2,402	8,157	2,432	2,989	2,472	2,376	354	1,372	130	1,578	344	76
Tennessee.....	3,267	1,282	30,944	16,659	39,748	11,686	11,504	12,192	8,146	3,741	15,443	9,600	2,146	766	310
Texas.....	7,412	2,683	99,370	45,988	120,477	34,200	43,691	42,904	25,161	3,276	33,410	17,081	6,761	1,930	1,263
Utah.....	1,268	310	17,076	6,916	22,380	6,307	8,172	5,326	2,167	1,233	9,357	2,993	934	41	28
Vermont.....	475	198	5,036	2,665	7,767	2,301	2,354	1,215	1,308	509	509	5	1,048	112	79
Virginia.....	2,579	1,276	24,941	14,033	36,882	10,223	11,172	7,872	5,216	1,178	10,025	483	2,811	260	117
Washington.....	2,283	881	33,946	13,656	43,093	11,613	16,129	9,539	6,364	602	26,980	503	6,502	1,867	444
West Virginia.....	1,271	536	16,472	7,854	22,834	5,879	8,083	7,661	5,204	1,381	9,412	154	3,498	384	234
Wisconsin.....	3,160	1,353	38,067	16,423	49,678	13,463	16,981	10,563	10,080	2,882	21,030	1,907	7,551	2,557	958
Wyoming.....	341	105	2,817	945	3,817	960	1,369	1,042	687	328	3,988	161	714	138	106
District of Columbia.....	2,107	668	32,823	13,357	37,454	7,315	16,708	13,276	5,554	1,455	12,762	409	4,514	1,216	786
U. S. service academies.....	1,073	2	7,545	-----	7,340	1,852	-----	391	-----	-----	-----	1,430	-----	-----	-----
Outlying parts of the U. S.	1,094	676	9,281	5,456	11,941	3,248	3,293	4,914	5,995	920	11,757	978	698	17	19
Alaska.....	80	28	258	109	328	105	124	16	178	-----	557	-----	33	11	-----
Canal Zone.....	14	6	153	73	210	123	14	319	49	-----	663	-----	-----	-----	-----
Hawaii.....	319	136	3,599	2,309	4,822	1,235	970	1,391	1,529	401	3,960	405	263	16	18
Puerto Rico.....	681	506	6,581	2,965	6,581	1,785	2,185	3,188	4,239	519	6,577	540	424	1	1

1 Fall of 1949.

Nevada.....	175	55	1,401	550	1,775	359	624	718	439	212	264	80	5	1
New Hampshire.....	327	113	3,354	1,370	4,391	1,267	1,670	1,299	586	929	767	233	84	14
New Jersey.....	395	177	6,097	3,963	9,115	2,809	2,582	1,348	1,348	3,385	859	778	108	60
New Mexico.....	770	193	8,005	2,966	9,178	2,628	3,972	3,496	1,808	3,346	1,394	362	158	47
New York.....	3,616	1,558	64,263	51,541	85,207	22,132	13,481	14,639	10,390	6,537	5,406	4,392	314	385
North Carolina.....	1,795	833	17,205	7,382	23,801	5,998	8,617	8,118	5,370	20,581	3,531	1,195	355	164
North Dakota.....	547	187	6,411	2,404	8,040	2,886	2,814	1,612	1,629	772	1,195	268	73	6
Ohio.....	3,886	1,012	55,218	21,706	72,422	15,089	24,506	17,375	6,888	3,388	10,559	2,783	1,038	280
Oklahoma.....	1,877	780	26,849	10,168	34,469	8,706	13,714	10,400	5,689	1,365	5,352	1,802	572	258
Oregon.....	1,180	319	16,204	8,926	16,976	4,555	6,214	3,338	2,833	12,094	2,860	815	288	30
Pennsylvania.....	534	370	8,124	5,664	13,502	4,900	3,825	4,309	2,942	885	2,015	1,230	23	30
Rhode Island.....	248	119	2,122	1,066	2,991	766	937	722	694	5,512	538	266	73	6
South Carolina.....	1,235	407	9,797	3,067	12,137	2,679	4,487	3,993	3,197	464	2,302	594	81	90
South Dakota.....	542	165	4,912	1,437	5,875	1,639	2,334	2,090	1,853	173	1,195	232	76	10
Tennessee.....	1,863	670	16,140	7,862	18,095	5,803	6,155	7,138	4,246	9,110	3,129	947	222	96
Texas.....	4,981	1,825	68,963	29,620	88,483	23,425	29,933	31,182	18,139	1,928	11,046	4,146	1,563	1,018
Utah.....	1,053	214	13,293	4,426	17,144	4,351	6,686	4,353	1,551	660	2,407	638	253	37
Vermont.....	135	2,295	1,215	3,690	878	1,243	530	545	545	403	488	236	62	11
Virginia.....	1,823	699	15,743	7,985	22,153	5,876	7,433	5,105	3,647	627	3,426	204	52	41
Washington.....	1,752	653	24,573	9,852	30,910	8,132	11,847	7,341	4,966	467	4,717	1,393	392	105
West Virginia.....	1,013	419	12,050	5,392	16,392	4,024	5,950	5,821	3,914	679	2,698	960	384	234
Wisconsin.....	2,180	886	24,499	10,345	30,947	8,762	10,400	7,860	6,652	2,131	5,039	1,584	861	288
Wyoming.....	341	105	2,817	945	3,817	960	1,369	1,042	687	328	714	138	106	28
District of Columbia.....	23	80	397	771	1,260	316	89	85	200	538	36	122	8	8
United States service academies.....	1,073	2	7,545	-----	7,340	1,852	-----	391	-----	-----	1,430	-----	-----	-----
Outlying parts of the U. S.	1,057	671	8,939	5,250	11,429	3,026	3,131	4,809	5,794	920	922	659	17	19
Alaska.....	80	28	258	109	328	105	124	16	49	557	33	11	-----	-----
Canal Zone.....	14	6	153	73	210	123	14	319	178	693	-----	-----	-----	-----
Hawaii.....	319	136	3,599	2,309	4,822	1,235	970	1,391	1,529	401	405	263	16	18
Puerto Rico.....	674	501	4,929	2,759	6,069	1,563	2,023	3,083	4,038	519	484	385	1	1

1 Fall of 1949.

Table 3.—Faculty, students, and degrees, institutions of higher education, by State: 1949-50—Continued

C. PRIVATELY CONTROLLED INSTITUTIONS

State	Faculty (reduced to full-time basis)	RESIDENT COLLEGE ENROLLMENTS										OTHER ENROLLMENTS				DEGREES							
		Regular session 1949-50		Third week of fall term 1949	First time any col- lege	Veter- ans of World War II ¹	Summer session, 1949		Resi- dent non- colle- giate	Non- resi- dent (colle- giate and non- colle- giate)	Short courses	Indi- vidu- al in- struc- tion	Bachelor's and first professional		Master's and second professional		Doctor's						
							Men	Wom- en					Men	Wom- en	Men	Wom- en	Men	Wom- en					
		Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en		
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
Continental United States.																							
	509	330	6,684	3,381	9,177	3,109	3,428	3,197	1,851	262	293	---	97	1,150	511	19	13	---	---	---			
Alabama.....	25	6	309	14	259	1	246	---	---	---	---	---	---	---	---	---	---	---	---	---			
Arizona.....	242	160	3,347	2,078	4,731	1,655	1,585	1,134	1,018	485	46	47	62	638	231	---	---	---	---	---			
Arkansas.....	4,186	893	48,359	16,256	60,775	10,588	28,642	22,869	10,124	2,171	13,286	974	660	9,841	2,403	2,062	547	312	31	1			
California.....	536	187	10,095	3,783	14,184	3,438	7,225	4,951	1,721	---	3,048	288	622	2,481	441	451	149	12	---	---			
Colorado.....																							
Connecticut.....	1,908	473	15,684	3,292	21,147	3,861	9,690	1,740	1,000	97	3,908	---	1,052	3,149	455	396	118	175	15	---			
Delaware.....	43	25	344	161	469	160	155	---	---	---	---	---	---	54	15	1	---	---	---	---			
Florida.....	730	307	12,194	5,062	17,339	4,768	8,750	5,580	1,747	161	984	359	481	2,727	918	107	21	---	---	---			
Georgia.....	765	497	9,404	6,026	13,992	3,921	4,043	3,632	2,358	731	175	278	770	1,930	694	228	193	9	1	---			
Iaho.....	79	48	1,138	672	1,574	703	408	182	182	191	181	49	102	168	52	---	---	---	---	---			
Illinois.....	5,153	1,568	76,858	33,737	101,585	17,980	39,322	23,250	13,779	2,733	14,465	9,810	6,170	12,587	3,993	1,985	872	390	62	---			
Indiana.....	1,572	484	22,973	8,652	29,477	7,695	9,469	7,408	3,533	348	1,827	208	3,682	3,356	1,393	221	74	19	2	---			
Iowa.....	1,024	511	13,538	7,482	20,156	6,193	5,531	3,824	3,897	1,157	1,125	122	904	3,101	851	79	19	---	---	---			
Kansas.....	425	337	4,493	3,307	7,276	2,397	1,316	808	2,241	691	474	158	431	829	535	20	5	---	---	---			
Kentucky.....	452	434	6,680	5,324	10,568	3,691	2,646	2,011	2,432	1,849	280	99	193	1,310	512	23	26	28	---	---			
Louisiana.....	1,011	268	11,975	4,568	14,814	2,432	5,601	3,183	1,995	98	173	81	---	1,735	533	100	105	14	---	---			
Maine.....	273	87	2,511	1,376	3,878	1,290	867	97	263	115	163	---	444	545	185	3	1	---	---	---			
Maryland.....	1,875	397	13,432	5,140	18,105	3,153	6,452	2,286	1,538	---	179	851	13	1,714	665	210	36	76	8	---			
Massachusetts.....	8,054	1,643	66,945	26,212	90,946	17,998	34,659	13,896	5,083	998	7,282	1,015	1,015	10,701	3,518	2,851	898	578	35	---			
Michigan.....	1,275	438	23,052	6,988	26,109	6,402	10,458	3,757	3,560	962	227	1,933	1,460	3,701	894	49	34	2	---	---			
Minnesota.....																							
Missisota.....	973	606	11,595	7,480	18,552	5,805	4,522	1,354	1,657	1,196	138	47	7,436	2,347	1,149	30	4	---	---	---			
Mississippi.....	204	234	1,974	2,307	3,919	1,409	830	797	722	608	706	138	56	449	334	---	---	---	---	---			
Missouri.....	2,263	881	29,197	13,271	40,090	8,639	14,819	5,130	4,500	834	12,631	35	1,421	4,479	1,127	417	218	59	9	---			
Montana.....	58	41	626	707	961	351	318	84	367	---	---	46	---	124	23	---	---	---	---	---			
Nebraska.....	437	224	5,103	2,804	7,588	1,813	2,244	1,412	1,433	1,055	401	139	506	1,192	310	13	29	---	---	---			

[illegible]

Fall of 1949.

Table 4.—Faculty, by type of position, by sex, institutions of higher education, by State: 1949-50

A. ALL INSTITUTIONS

State	REGULAR SESSION										SUMMER SESSION 1949	
	Total (excluding those employed in summer session only)		Administrative		Collegiate instructional, including critic teachers		Noncollegiate instructional		Other faculty (research, extension, etc.)			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
	2	3	4	5	6	7	8	9	10	11		
1												
Continental United States												
Alabama	2,051	1,065	194	92	1,432	712	46	63	436	217	1,005	475
Arizona	600	204	67	15	481	167	20	24	86	142	164	164
Arkansas	1,596	648	191	88	1,142	396	23	28	307	163	564	267
California	17,263	4,153	966	305	12,632	3,039	222	119	4,037	904	5,695	1,351
Colorado	2,594	693	157	50	2,231	569	35	11	379	110	1,083	314
Connecticut	2,923	955	306	121	2,121	664	42	47	705	200	416	182
Delaware	383	111	38	16	233	74	2	5	113	20	98	15
Florida	2,393	923	194	59	1,661	545	43	108	530	230	807	318
Georgia	3,034	1,243	270	178	2,307	779	40	56	570	302	903	303
Idaho	669	220	87	34	449	153	22	10	143	32	180	72
Illinois	10,684	3,274	883	468	9,099	2,576	225	407	1,256	287	2,656	874
Indiana	5,639	1,482	448	189	4,021	1,029	58	82	1,265	239	1,741	467
Iowa	3,811	1,466	403	212	2,700	1,029	15	55	829	228	991	407
Kansas	3,062	1,561	246	106	2,492	1,041	61	49	467	457	1,020	448
Kentucky	2,282	1,126	188	146	1,770	758	89	116	317	177	913	471
Louisiana	2,880	1,193	209	141	2,444	859	11	48	288	189	744	342
Maine	698	285	73	35	479	222	80	28	92	43	105	71
Maryland	2,978	849	253	147	2,523	643	5	22	323	104	409	173
Massachusetts	2,790	2,203	1,075	284	8,068	1,706	75	29	1,464	285	1,016	217
Michigan	5,796	1,742	436	174	4,876	1,420	97	130	551	142	2,331	658
Minnesota	4,057	1,913	304	149	3,049	1,363	202	127	680	330	1,406	410
Mississippi	1,570	868	211	117	1,057	564	27	52	403	204	589	271
Missouri	5,402	1,728	420	160	4,494	1,388	62	55	782	246	1,384	452
Montana	651	222	73	36	504	133	62	55	114	81	337	120
Nebraska	1,828	728	175	96	1,258	494	148	53	341	140	519	242

Nevada.....	180	63	24	15	122	14	9	2	34	34	41	10
New Hampshire.....	806	231	118	44	656	152	54	51	54	51	97	75
New Jersey.....	3,705	777	386	122	2,084	541	12	22	867	600	196	196
New Mexico.....	842	226	99	29	568	148	46	17	250	361	104	104
New York.....	22,516	6,534	1,460	734	19,384	5,088	252	246	2,542	4,856	1,225	1,225
North Carolina.....	3,555	1,631	422	235	2,478	1,066	57	83	867	423	313	313
North Dakota.....	659	269	80	39	450	213	41	12	127	34	205	85
Ohio.....	8,917	2,837	771	338	7,779	2,331	84	56	557	214	1,836	587
Oklahoma.....	2,761	1,139	263	90	2,067	894	123	13	438	183	1,218	432
Oregon.....	2,082	688	151	68	1,595	513	34	15	439	109	571	205
Pennsylvania.....	12,324	3,418	913	399	9,575	2,578	127	42	2,177	540	2,122	635
Rhode Island.....	1,102	346	120	86	842	230	9	3	178	65	125	49
South Carolina.....	1,783	832	200	121	1,298	503	11	44	382	217	585	194
South Dakota.....	1,744	272	92	43	1,531	201	9	21	157	34	254	118
Tennessee.....	3,619	1,400	386	210	2,592	978	63	71	719	283	1,033	499
Texas.....	8,555	2,974	666	241	6,319	2,228	267	169	1,872	561	3,269	1,100
Utah.....	1,322	328	190	43	976	236	23	19	222	45	481	84
Vermont.....	668	288	95	68	573	212	21	60	51	41	179	82
Virginia.....	2,948	1,314	289	172	2,124	931	14	5	620	238	826	256
Washington.....	2,568	1,067	206	70	1,952	840	14	5	702	175	721	294
West Virginia.....	1,304	552	155	83	1,034	401	27	31	157	105	655	214
Wisconsin.....	4,437	1,675	309	141	3,043	1,210	152	82	1,154	365	988	617
Wyoming.....	364	119	31	12	241	57	---	---	97	52	154	39
District of Columbia.....	2,721	726	146	102	2,599	604	---	72	20	7	765	176
U. S. service academies.....	1,073	2	201	2	856	---	---	---	16	---	33	---
Outlying parts of the United States.....	1,274	753	85	20	628	415	2	9	561	309	317	191
Alaska.....	82	29	9	1	28	13	---	---	45	15	3	4
Canal Zone.....	28	19	2	2	27	17	---	---	---	---	4	4
Hawaii.....	441	177	18	3	256	110	---	---	167	64	62	19
Puerto Rico.....	723	528	57	14	317	275	2	9	349	230	248	164

Table 4.—Faculty, by type of position, by sex, institutions of higher education, by State: 1949-50—Continued

B. PUBLICLY CONTROLLED INSTITUTIONS

State	REGULAR SESSION										SUMMER SESSION 1949	
	Total (excluding those employed in summer ses- sion only)		Administrative		Collegiate instruc- tional, including critic teachers		Noncollegiate instructional		Other faculty (re- search, exten- sion, etc.)		Total teaching staff	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States	91,443	31,445	6,218	2,408	66,462	21,245	1,447	1,651	20,914	7,732	27,193	8,739
Alabama	1,519	725	87	37	1,014	435	14	58	415	210	738	308
Arizona	1,575	198	13	13	463	163	20	20	86	24	142	164
Arkansas	1,345	478	124	42	926	297	19	19	306	163	458	197
California	10,468	2,843	432	132	7,134	1,960	59	79	3,032	786	1,828	572
Colorado	1,906	446	120	29	1,562	1,344	34	10	379	97	687	167
Connecticut	755	433	67	22	616	330	2	5	93	89	188	98
Delaware	337	86	26	5	196	56	2	2	113	20	98	15
Florida	1,633	603	108	21	833	278	25	83	505	221	666	244
Georgia	1,884	700	101	56	1,264	350	20	20	562	298	655	200
Idaho	1,355	169	71	25	377	113	19	4	143	32	151	58
Illinois	4,890	1,437	356	188	3,948	1,098	101	290	970	190	980	333
Indiana	3,773	840	216	100	2,312	478	33	56	1,227	207	1,012	191
Iowa	2,733	892	188	82	1,768	572	9	30	792	210	589	188
Kansas	2,618	1,195	131	27	1,721	721	29	27	457	450	564	263
Kentucky	1,812	586	90	53	1,333	318	70	67	312	172	761	232
Louisiana	1,482	808	128	88	1,104	497	10	46	271	186	598	244
Maine	1,405	178	29	19	294	128	4	26	226	91	88	52
Maryland	1,054	404	102	60	718	253	2	26	248	96	202	71
Massachusetts	828	361	59	34	609	248	4	9	191	76	117	11
Michigan	4,325	1,245	270	98	3,592	1,006	33	90	478	128	1,953	423
Minnesota	2,919	1,211	112	56	2,064	805	118	86	670	283	1,193	252
Mississippi	1,346	616	150	62	876	374	16	27	393	186	497	220
Missouri	1,693	674	137	55	1,118	446	21	35	480	179	603	185
Montana	1,591	175	49	26	462	115	11	60	114	310	74	74
Nebraska	1,189	478	84	40	683	278	118	42	335	129	368	170

Nevada.....	180	63	24	15	122	14	9	34	34	41	10
New Hampshire.....	337	117	40	22	238	73	19	54	26	95	21
New Jersey.....	445	283	183	28	410	148	6	41	24	126	50
New Mexico.....	811	216	92	26	542	140	46	15	61	339	92
New York.....	4,323	1,820	238	153	3,957	1,376	105	340	270	1,029	282
North Carolina.....	1,909	850	150	57	1,300	449	4	525	380	630	192
North Dakota.....	37,614	234	72	37	408	178	41	12	127	34	83
Ohio.....	4,687	1,280	241	63	4,304	1,127	1	201	94	735	194
Oklahoma.....	2,268	970	199	77	1,705	740	39	12	434	181	355
Oregon.....	1,482	399	67	19	1,148	312	3	363	90	333	107
Pennsylvania.....	538	373	66	43	478	339	5	1	324	129	129
Rhode Island.....	287	136	28	27	178	85	8	82	30	79	25
South Carolina.....	1,310	434	92	37	877	173	25	372	210	434	124
South Dakota.....	1,585	172	57	17	400	125	4	156	34	194	67
Tennessee.....	1,873	678	126	54	1,145	403	30	594	235	607	273
Texas.....	5,964	2,046	380	115	3,924	1,407	236	121	551	2,436	789
Utah.....	1,105	232	161	16	789	171	15	221	44	364	60
Vermont.....	350	202	35	24	316	144	11	41	38	69	23
Virginia.....	2,073	717	127	59	1,387	455	1	589	223	583	177
Washington.....	1,921	769	118	31	1,432	625	1	626	121	499	225
West Virginia.....	1,028	428	101	47	782	288	16	157	105	521	166
Wisconsin.....	3,197	1,116	165	56	1,925	713	91	1,150	358	736	334
Wyoming.....	364	119	31	12	241	57	23	97	52	154	39
District of Columbia.....	24	90	2	1	21	70	16	1	3	8	10
U. S. service academies.....	1,073	2	201	2	856	401	2	561	309	290	174
Outlying parts of the United States	1,250	736	81	17	606	401	9	45	15	3	4
Alaska.....	82	29	9	1	28	13	1	17	4	4	4
Canal Zone.....	28	19	1	2	27	17	1	1	1	1	1
Hawaii.....	441	177	18	3	256	110	2	167	64	62	19
Puerto Rico.....	689	511	53	11	295	261	9	349	230	221	147

Table 4.—Faculty, by type of position, by sex, institutions of higher education, by State: 1949-50—Continued

C. PRIVATELY CONTROLLED INSTITUTIONS

State	REGULAR SESSION										SUMMER SESSION 1949	
	Total (excluding those employed in summer ses- sion only)		Administrative		Collegiate instruc- tional, including critic teachers		Noncollegiate instructional		Other faculty (re- search, exten- sion, etc.)		Total teaching staff	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States.....	94,746	29,088	9,422	4,507	79,399	23,247	1,584	1,134	10,263	2,416	22,892	8,024
Alabama.....	532	340	107	55	418	277	32	5	21	7	267	167
Arizona.....	25	6	12	2	18	4						
Arkansas.....	251	170	67	46	216	129	4	9	1		106	70
California.....	6,795	1,310	484	173	5,498	1,079	163	40	1,005	118	3,867	779
Colorado.....	688	247	37	21	669	225	1	1		13	396	147
Connecticut.....	2,168	522	239	99	1,905	334	42	47	612	111	228	84
Delaware.....	46	25	12	11	37	18						
Florida.....	760	320	86	38	668	267	15	25	25	9	141	74
Georgia.....	1,150	543	169	122	1,043	429	20	36	8	4	248	103
Idaho.....	84	51	16	9	72	40	3	6			29	14
Illinois.....	5,794	1,837	527	280	5,151	1,478	124	117	286	97	1,676	541
Indiana.....	1,866	642	232	89	1,709	551	25	26	38	32	729	276
Iowa.....	1,078	574	215	130	932	457	6	25	37	18	402	219
Kansas.....	444	366	115	79	381	320	32	22	10	7	166	185
Kentucky.....	470	540	98	93	387	440	19	49	5	5	152	239
Louisiana.....	1,398	385	81	53	1,340	362	1	2	17	3	146	98
Maine.....	293	107	44	16	185	94	76	2	1	2	17	19
Maryland.....	1,924	445	151	87	1,805	390	5	75	75	8	207	102
Massachusetts.....	8,962	1,842	1,016	250	7,459	1,458	71	20	1,273	209	899	206
Michigan.....	1,471	497	166	76	1,284	414	64	40	73	14	378	235
Minnesota.....	1,138	702	192	93	985	588	84	41	10	47	213	188
Mississippi.....	252	61	61	25	181	190	11	25	10	18	92	51
Missouri.....	3,709	1,054	283	105	3,376	942	41	20	302	67	781	267
Montana.....	60	47	24	10	52	18				21	27	46
Nebraska.....	639	250	91	56	575	216	30	11	6	11	151	72

Nevada.....	114	78	22	418	79	6	2	25	2	54
New Hampshire.....	469	323	94	2,774	393	8	2	127	473	146
New Jersey.....	3,260	31	3	26	8	147	2	566	22	12
New Mexico.....	18,193	4,714	581	15,427	3,712		74		3,827	943
New York.....	1,646	781	178	1,178	617	53	80	43	335	121
North Carolina.....	4,230	530	275	3,475	1,204	83	45	120	1,101	2
North Dakota.....	433	64	13	362	154	84	1	2	321	393
Ohio.....	600	84	49	447	201	31	3	19	238	77
Oklahoma.....	11,786	3,045	356	9,097	2,239	127	42	539	1,798	98
Oregon.....	815	92	59	664	145	9	3	96	35	506
Pennsylvania.....	473	398	84	421	330	3	19	10	151	24
Rhode Island.....	159	100	35	131	76	5	16	7	60	70
South Carolina.....	1,746	722	156	1,447	575	33	33	125	426	51
South Dakota.....	2,591	928	126	2,395	821	31	48	10	833	226
Tennessee.....	2,217	96	27	187	65	8	11	1	117	421
Texas.....	288	60	34	257	68			3	110	24
Utah.....	875	597	113	737	476	10	60	15	243	59
Vermont.....	647	298	39	520	215	13	4	76	222	79
Virginia.....	276	124	36	252	113	11	9	7	134	69
Washington.....	1,240	559	85	1,118	497	61	54	4	252	48
West Virginia.....	2,697	636	101	2,578	534		56	19	757	283
Wisconsin.....										166
Wyoming.....										
District of Columbia.....										
Outlying part of the United States										
Puerto Rico.....	24	17	3	22	14				27	17

Table 5.—Students, institutions of higher education, by classification and sex, by State: 1949-50

A. ALL INSTITUTIONS

State	RESIDENT COLLEGIATE STUDENTS IN REGULAR SESSION										OTHER ENROLLMENTS									
	Undergraduate		Graduate		Special and unclassified		Third week of fall term 1949		First time in any college		Veterans of World War II ¹		Resident noncollegiate		Nonresident (collegiate and noncollegiate)		Short courses		Individual instruction	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
Continental United States.....	1,560,641	657,615	172,161	65,047	120,266	83,291	1,720,659	722,404	380,088	214,038	836,690	16,317	40,334	33,510	474,314	373,881	91,508	60,375	19,077	26,026
Alabama.....	24,090	10,409	874	373	333	238	21,881	9,879	5,055	3,331	11,763	107	1,728	1,720	11,709	10,270	862	294	39	58
Arizona.....	8,941	3,600	480	242	497	351	9,135	4,009	2,557	1,186	4,655	116	530	540	1,045	1,757	4	16	---	---
Arkansas.....	13,134	6,571	364	102	538	446	12,791	6,370	4,041	2,097	6,477	69	696	519	4,520	7,317	354	484	2,380	628
California.....	128,868	57,611	15,906	5,608	6,556	3,350	139,306	61,141	39,252	22,019	61,406	1,663	1,794	708	148,003	89,003	3,646	7,514	505	155
Colorado.....	22,528	8,896	2,964	862	889	843	25,051	10,012	5,059	3,206	14,686	472	215	220	9,651	6,421	1,692	767	256	579
Connecticut.....	21,524	5,904	1,633	369	715	296	25,040	6,867	4,715	1,862	13,768	167	90	7	5,232	4,186	763	158	329	723
Delaware.....	2,095	849	432	122	54	40	2,508	993	470	294	1,152	10	59	59	1,007	435	---	---	---	---
Florida.....	23,964	10,369	1,727	858	346	408	25,575	10,518	6,077	2,939	14,757	283	673	682	2,796	6,972	2,736	328	252	284
Georgia.....	28,680	13,376	1,555	846	321	535	26,466	12,616	7,422	4,901	13,108	204	953	674	10,029	6,199	2,240	552	277	483
I Idaho.....	6,463	2,283	142	51	152	246	5,956	2,310	2,180	1,041	2,575	23	209	206	1,003	1,579	109	---	44	119
Illinois.....	98,573	40,125	12,442	4,657	11,649	5,664	106,506	44,969	21,573	12,198	50,789	970	3,080	2,082	11,485	16,486	12,627	9,258	2,203	3,967
Indiana.....	52,597	21,115	4,592	1,383	1,194	1,391	50,557	19,806	11,557	5,963	23,433	440	1,266	908	14,867	10,523	2,122	356	1,694	2,089
Iowa.....	28,365	13,255	3,313	849	334	855	30,179	13,866	6,490	4,682	13,864	192	729	844	7,453	6,781	13,294	2,902	359	658
Kansas.....	24,979	10,628	1,563	477	684	743	25,468	11,593	6,043	3,683	11,607	154	839	713	4,580	8,248	3,111	257	342	820
Kentucky.....	19,676	9,929	1,654	613	311	425	21,830	10,459	4,623	3,408	10,784	158	1,216	1,393	4,195	3,976	1,183	741	11	182
Louisiana.....	22,371	9,957	1,737	456	2,742	1,012	25,212	10,429	3,998	1,805	11,796	145	552	644	3,300	3,180	819	1,551	---	---
Maine.....	6,449	2,817	122	24	76	36	6,555	2,818	1,528	1,327	3,117	31	166	89	529	2,051	49	---	244	200
Maryland.....	20,772	7,717	2,731	683	3,056	1,567	26,728	9,842	4,782	2,439	13,044	194	380	444	3,412	1,303	3,652	895	5	8
Massachusetts.....	58,215	22,997	8,844	2,379	6,502	4,532	73,316	28,995	13,956	7,072	38,277	876	728	270	4,152	5,311	5,140	59	500	515
Michigan.....	65,412	24,287	8,364	4,753	7,191	4,328	71,984	29,377	13,352	7,977	34,984	441	2,406	1,990	12,849	18,026	5,140	689	521	939
Minnesota.....	33,397	16,638	3,894	729	204	261	34,456	16,223	7,255	5,604	16,404	453	1,678	669	10,000	9,668	6,638	3,024	3,484	3,952
Mississippi.....	13,278	7,275	769	394	228	261	12,540	7,155	4,051	2,550	6,216	31	536	663	2,634	5,523	1,420	1,460	16	54
Missouri.....	43,397	18,770	4,536	1,517	1,374	946	45,136	20,047	10,287	6,792	23,299	424	1,686	1,348	10,319	6,079	201	468	1,027	51
Montana.....	6,493	3,112	328	84	34	44	6,226	2,367	1,481	889	3,230	58	1,661	462	919	55	66	---	26	45
Nebraska.....	14,582	6,613	990	268	561	355	15,251	6,773	3,059	2,230	7,249	101	1,599	1,019	5,248	7,732	138	349	235	372

Nevada.....	1,298	494	61	38	42	18	1,263	512	219	140	609	15	---	56	156	---	---
New Hampshire.....	7,790	2,044	332	306	335	135	7,032	2,037	1,843	799	3,009	24	33	87	332	880	---
New Jersey.....	29,715	9,200	2,964	206	1,665	1,645	34,874	10,688	8,155	3,227	16,116	447	1,419	338	10,930	5,233	459
New Mexico.....	7,108	2,412	723	273	518	443	8,073	2,519	1,954	768	3,961	124	598	271	466	880	339
New York.....	161,857	63,936	37,283	16,571	37,562	29,756	217,308	95,663	39,248	20,837	103,127	2,675	894	2,343	28,536	17,441	6,261
North Carolina.....	28,359	14,784	2,028	566	353	843	29,615	15,580	7,556	5,487	13,696	140	971	1,171	10,904	11,595	1,957
North Dakota.....	6,321	2,516	267	45	203	125	6,685	2,388	1,892	1,181	2,877	36	408	364	731	858	23
Ohio.....	84,902	34,024	6,990	1,990	11,418	7,500	97,611	40,132	20,015	11,066	47,207	887	183	186	7,251	3,935	4,416
Oklahoma.....	32,811	11,933	2,336	1,134	713	467	33,438	11,969	7,523	3,544	18,099	286	770	632	1,283	6,241	3,912
Oregon.....	21,292	10,696	1,394	284	388	678	18,468	7,120	4,273	2,487	9,511	177	203	92	1,233	132	120
Pennsylvania.....	93,879	31,458	12,218	3,815	7,444	4,440	112,564	37,792	22,249	8,911	57,269	924	1,472	776	28,245	11,759	767
Rhode Island.....	9,165	3,270	465	156	128	45	10,482	3,359	2,818	1,094	5,094	43	167	71	1,856	2,805	---
South Carolina.....	15,162	7,331	534	411	449	381	15,170	7,868	3,577	2,893	7,177	63	687	903	7,292	8,204	185
South Dakota.....	6,183	2,268	165	32	106	102	5,979	2,178	1,521	911	2,821	28	177	173	505	867	17
Tennessee.....	27,647	14,115	2,431	1,136	866	1,408	26,145	13,003	7,042	4,644	11,338	166	2,248	1,493	8,129	7,314	5,193
Texas.....	89,409	39,630	7,372	4,962	2,589	1,396	89,130	40,347	22,083	12,117	43,037	654	2,077	1,199	16,920	16,490	2,762
Utah.....	15,470	6,366	1,442	325	164	225	15,449	6,731	3,950	2,357	8,058	114	631	602	5,176	4,181	858
Vermont.....	4,872	2,603	111	21	53	41	5,006	2,761	1,921	980	2,327	27	---	---	168	341	196
Virginia.....	22,994	13,418	892	283	155	332	23,525	13,357	5,373	4,850	11,015	157	403	775	4,554	5,472	376
Washington.....	29,987	12,183	2,399	897	660	576	30,340	12,753	7,328	4,285	15,702	427	369	233	13,210	13,770	28
West Virginia.....	15,383	7,138	864	493	223	223	15,417	7,417	3,696	2,177	7,975	108	716	665	5,627	3,785	---
Wisconsin.....	33,880	13,263	3,099	765	1,088	398	34,901	14,717	8,313	5,152	16,645	336	1,510	1,372	12,880	8,150	385
Wyoming.....	2,524	814	265	88	28	43	2,774	1,043	635	325	1,353	36	182	146	1,504	2,484	100
District of Columbia.....	21,655	8,486	4,566	1,924	6,602	2,947	27,117	10,337	4,729	2,586	16,067	641	344	1,111	12,019	743	247

1 Fall enrollment only.

Table 5.—Students, institutions of higher education, by classification and sex, by State: 1949-50—Continued

B. PUBLICLY CONTROLLED INSTITUTIONS

State	RESIDENT COLLEGIATE STUDENTS IN REGULAR SESSION										OTHER ENROLLMENTS									
	Undergraduate		Graduate		Special and Unclassified		Third week of fall term 1949		First time in any college		Veterans of World War II ¹		Resident noncollegiate		Nonresident (collegiate and noncollegiate)		Short courses		Individual instruction	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
Continental United States	799,703	350,907	77,198	30,734	55,186	41,174	841,359	366,186	205,791	117,882	381,683	6,365	22,031	22,044	344,686	306,329	76,032	48,375	3,238	1,978
Alabama.....	17,509	7,168	843	337	261	134	15,814	6,769	3,255	2,072	8,373	69	1,539	1,647	11,687	10,029	862	294	---	---
Arizona.....	8,632	3,586	480	242	497	351	8,889	3,996	2,556	1,186	4,416	109	530	540	1,045	1,757	4	16	---	---
Arkansas.....	9,919	4,731	364	102	406	208	9,804	4,626	3,049	1,434	4,913	48	474	236	4,486	7,296	329	462	2,351	595
California.....	89,707	44,121	8,415	3,467	4,849	2,625	93,452	46,220	32,452	18,231	33,419	1,008	170	161	138,102	86,618	2,881	7,356	---	---
Colorado.....	13,948	5,601	1,869	456	469	761	15,061	5,818	3,127	1,700	7,724	209	215	220	7,754	5,270	1,546	625	56	157
Connecticut.....	7,640	2,960	351	159	197	158	7,748	3,012	1,754	962	4,173	72	---	---	2,337	3,173	763	168	---	---
Delaware.....	1,774	710	432	122	31	18	2,188	784	375	229	1,000	7	59	59	1,007	435	---	---	---	---
Florida.....	12,152	5,612	1,523	738	158	193	12,835	5,919	2,623	1,675	6,201	89	595	601	2,161	6,623	2,647	118	19	36
Georgia.....	20,351	8,505	731	116	70	110	17,721	7,369	5,388	3,014	9,134	135	104	324	9,930	6,123	1,997	517	---	---
Idaho.....	5,359	1,659	134	48	126	201	5,021	1,671	1,773	745	2,172	18	115	109	959	1,542	120	---	23	38
Illinois.....	36,310	14,930	3,813	1,032	683	747	35,514	14,376	10,080	5,711	12,303	134	1,220	1,209	5,308	8,198	7,283	4,792	---	---
Indiana.....	31,226	13,786	3,842	1,088	342	283	28,889	11,997	6,177	3,648	14,103	351	918	908	13,891	9,672	147	213	29	72
Iowa.....	15,132	6,228	3,163	787	169	462	17,213	6,676	2,004	2,004	8,396	129	240	176	7,099	6,010	13,178	2,896	41	72
Kansas.....	20,580	7,131	1,511	477	632	433	21,555	8,230	4,907	2,492	10,306	139	431	431	4,474	7,857	250	160	292	439
Kentucky.....	13,308	4,716	1,450	604	203	323	15,943	5,778	2,965	1,375	8,189	107	377	383	4,341	3,760	1,155	670	---	---
Louisiana.....	13,805	6,568	955	204	115	85	14,100	6,727	2,304	1,067	6,286	54	582	546	3,190	3,117	738	1,551	---	---
Maine.....	3,937	1,481	122	24	57	16	4,035	1,470	799	499	2,266	25	69	71	1,508	1,908	49	1	---	---
Maryland.....	11,303	4,154	1,082	491	142	187	13,613	4,852	2,630	1,438	6,687	99	380	444	3,379	1,157	3,422	274	---	---
Massachusetts.....	6,156	3,527	412	98	48	71	7,596	3,769	1,755	1,275	4,474	20	---	---	1,601	640	---	59	---	---
Michigan.....	44,742	18,074	8,169	4,641	5,004	3,665	52,344	22,908	9,124	5,803	24,559	368	1,682	1,752	12,827	17,821	3,344	552	---	---
Minnesota.....	22,159	9,315	3,677	703	64	84	23,252	8,905	4,206	2,878	11,946	389	621	560	10,000	9,530	6,605	3,010	---	---
Mississippi.....	11,351	5,097	769	394	181	132	10,751	5,025	2,987	1,861	5,394	23	287	304	2,342	5,109	1,351	1,391	14	14
Missouri.....	18,478	7,440	1,468	308	164	214	18,356	6,737	5,579	2,861	8,807	97	1,065	1,135	1,014	2,763	167	---	29	45
Montana.....	5,884	2,423	84	17	26	17	5,570	2,091	1,277	742	3,008	52	---	---	1,412	42	---	66	3	22
Nebraska.....	9,980	4,040	918	222	132	170	10,306	4,130	2,153	1,323	5,041	65	813	750	5,210	7,369	51	297	33	68

Nevada.....	1,298	494	61	38	42	18	1,263	512	219	140	609	15	33	87	56	156	---	---	---
New Hampshire.....	2,912	1,239	219	38	223	99	3,130	1,261	840	427	1,652	18	1,032	33	87	332	597	---	---
New Jersey.....	5,350	3,280	448	4	344	679	5,503	3,612	1,583	1,226	2,564	18	308	303	872	2,513	16	6	---
New Mexico.....	6,765	2,723	723	273	516	437	6,783	2,335	6,783	10,070	13,367	124	496	2,176	2,859	3,353	7,692	---	---
New York.....	34,020	28,227	3,731	3,277	26,512	20,037	49,704	35,503	12,882	10,070	13,367	114	702	2,176	2,859	3,353	7,692	---	---
North Carolina.....	15,579	6,598	1,441	473	185	341	16,666	7,135	3,663	2,335	8,543	74	456	473	10,227	10,354	1,946	1,012	4
North Dakota.....	5,941	2,970	267	45	203	119	5,705	2,335	2,781	1,088	2,781	33	408	364	731	858	229	23	24
Ohio.....	43,102	15,973	3,909	1,078	8,207	4,655	52,386	20,036	9,984	5,105	24,119	387	183	186	1,780	1,008	---	---	52
Oklahoma.....	24,492	8,969	1,900	951	457	246	25,081	8,788	5,920	2,786	13,502	212	749	616	6,136	5,958	8,159	3,929	32
Oregon.....	14,854	8,187	1,087	212	263	527	12,276	4,700	2,900	1,655	6,035	119	---	---	---	---	120	90	---
Pennsylvania.....	7,973	5,577	18	3	133	84	7,881	5,621	2,975	2,015	3,785	40	422	463	175	757	64	74	43
Rhode Island.....	1,998	927	90	39	34	40	2,046	945	476	290	927	10	---	---	---	---	---	---	66
South Carolina.....	9,210	2,640	430	326	157	82	9,257	2,880	1,837	842	4,446	41	209	255	2,707	7,301	185	231	58
South Dakota.....	4,676	1,386	165	32	71	39	4,545	1,330	1,114	525	2,312	22	86	87	500	843	177	19	14
Tennessee.....	14,624	6,586	1,241	511	275	765	12,576	5,519	3,644	2,159	6,080	75	896	814	7,802	6,372	5,140	3,970	---
Texas.....	61,435	25,120	6,036	3,999	1,492	501	62,504	25,979	15,766	7,659	29,559	394	1,410	518	11,213	12,870	2,575	640	68
Utah.....	12,099	4,169	1,145	224	49	33	12,539	4,605	2,913	1,438	6,600	86	318	342	4,905	3,787	3,858	4,685	8
Vermont.....	2,182	1,175	92	13	21	27	2,318	1,332	4,222	1,412	1,919	24	---	---	---	---	---	---	---
Virginia.....	14,869	7,676	793	178	81	131	14,685	7,468	3,222	2,654	7,301	132	310	317	3,202	5,040	337	103	7
Washington.....	22,007	8,713	2,152	828	414	311	22,218	8,692	5,223	2,909	11,501	346	234	233	12,963	13,300	28	207	113
West Virginia.....	11,040	4,731	854	493	137	168	11,358	5,034	2,582	1,442	5,884	66	356	323	5,398	3,131	---	---	---
Wisconsin.....	21,481	9,684	2,710	593	305	68	22,124	8,823	5,315	3,447	10,242	138	1,065	1,066	12,269	7,004	366	3	---
Wyoming.....	2,524	814	265	88	28	43	2,774	1,043	635	325	1,333	36	182	146	1,504	2,484	100	61	2
District of Columbia.....	377	704	---	---	20	67	467	793	109	207	84	5	120	418	3	189	---	---	---
U. S. service academies.....	7,545	---	---	---	---	---	7,340	---	1,852	---	---	---	---	---	---	---	---	---	---
Outlying parts of the U. S.	7,921	4,580	161	229	857	441	6,764	4,665	1,791	1,235	3,107	24	489	431	5,500	6,257	---	---	---
Alaska.....	195	100	---	---	63	9	265	63	84	21	124	---	---	---	445	112	---	---	---
Canal Zone.....	153	73	---	---	138	72	138	72	85	38	11	3	---	---	342	321	---	---	---
Hawaii.....	2,656	1,662	149	215	794	432	2,848	1,974	705	530	956	14	220	181	2,463	1,497	---	---	---
Puerto Rico.....	4,917	2,745	12	14	---	---	3,513	2,556	917	646	2,016	7	269	250	2,250	4,327	---	---	---

1 Full enrollment only.

Table 5.—Students, institutions of higher education, by classification and sex, by State: 1949-50—Continued

C. PRIVATELY CONTROLLED INSTITUTIONS

State	RESIDENT COLLEGIATE STUDENTS IN REGULAR SESSION										OTHER ENROLLMENTS									
	Undergraduate		Graduate		Special and Unclassified		Third week of fall term 1949		First time in any college		Veterans of World War II ¹		Resident noncollegiate		Nonresident (collegiate and noncollegiate)		Short courses		Individual instruction	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Continental United States	760,938	306,708	94,963	34,313	65,080	42,117	878,700	356,218	174,297	96,156	455,007	9,952	18,303	11,466	130,128	67,552	15,476	12,000	15,839	24,048
Alabama	6,581	3,241	31	36	72	104	6,067	3,110	1,800	1,309	3,390	38	189	73	52	241	—	—	39	58
Arizona	3,215	1,840	—	—	—	—	2,465	1,313	1	—	239	21	222	263	25	21	25	22	26	33
Arkansas	39,161	13,490	7,491	2,041	1,707	725	45,854	14,921	6,800	3,788	27,987	655	1,624	547	9,901	3,385	815	159	505	155
California	8,580	3,295	1,095	406	420	82	9,990	4,194	1,932	1,506	6,962	263	—	—	1,897	1,151	146	142	200	422
Colorado	13,884	2,944	1,282	210	518	138	17,292	3,855	2,961	900	9,595	95	90	7	2,895	1,013	—	—	329	723
Connecticut	321	139	—	—	23	22	320	149	95	65	152	3	—	—	—	—	—	—	—	—
Delaware	11,802	4,727	204	120	188	215	12,740	4,599	3,454	1,314	8,556	194	80	81	635	349	149	210	233	248
Florida	8,329	4,871	824	730	251	425	8,745	5,247	2,034	1,887	3,974	69	381	350	99	76	243	35	277	493
Georgia	1,104	624	8	3	26	45	935	639	407	296	403	5	94	97	44	137	49	—	21	81
Idaho	57,263	25,195	8,629	3,625	10,966	4,917	70,992	30,593	11,493	6,487	38,486	836	1,860	873	6,177	8,288	5,344	4,466	2,203	3,907
Illinois	21,371	7,329	750	215	852	1,108	21,668	7,809	5,380	2,315	9,380	89	348	—	876	851	143	—	1,665	2,017
Indiana	13,233	7,027	160	62	165	393	12,966	7,190	3,505	2,688	5,468	63	489	668	354	771	116	6	318	586
Iowa	4,389	3,497	52	—	32	310	3,913	3,363	1,136	1,261	1,301	15	408	283	83	391	61	97	50	381
Kansas	6,368	5,213	204	9	108	102	5,887	4,681	1,658	2,033	2,595	51	839	1,010	64	216	28	71	11	182
Kentucky	8,566	3,389	782	252	2,627	927	11,112	3,702	1,694	738	5,510	91	—	—	110	63	81	—	—	—
Louisiana	2,492	1,356	—	—	19	20	2,520	1,358	739	561	861	6	97	18	20	143	—	—	244	200
Maine	9,469	3,563	1,049	197	2,914	1,380	13,115	4,900	2,152	1,001	6,357	95	—	—	33	146	230	621	5	8
Maryland	52,059	19,470	8,432	2,281	6,454	4,461	65,720	25,226	12,201	5,797	33,803	856	728	270	2,491	4,791	—	—	500	515
Massachusetts	20,670	6,213	195	112	2,187	663	19,640	6,469	4,228	2,174	10,355	73	724	238	22	205	1,796	137	521	939
Michigan	11,238	7,323	217	26	140	131	11,234	7,318	3,079	2,726	4,458	64	1,057	139	—	138	33	14	3,484	3,952
Minnesota	1,927	2,178	—	—	47	129	1,789	2,130	556	853	822	8	249	359	292	414	69	69	16	40
Mississippi	24,919	11,330	3,068	1,209	1,210	732	26,780	13,310	4,708	3,931	14,492	327	621	213	9,305	3,326	34	1	439	982
Missouri	609	689	—	—	17	18	666	295	204	147	312	6	—	—	—	—	—	—	23	23
Montana	4,602	2,573	72	46	429	185	4,945	2,643	906	907	2,208	36	786	269	38	363	37	52	202	304
Nebraska																				

Table 6.—Students in arts and sciences and in professional schools, by level of training, sex, and State: 1949-50¹

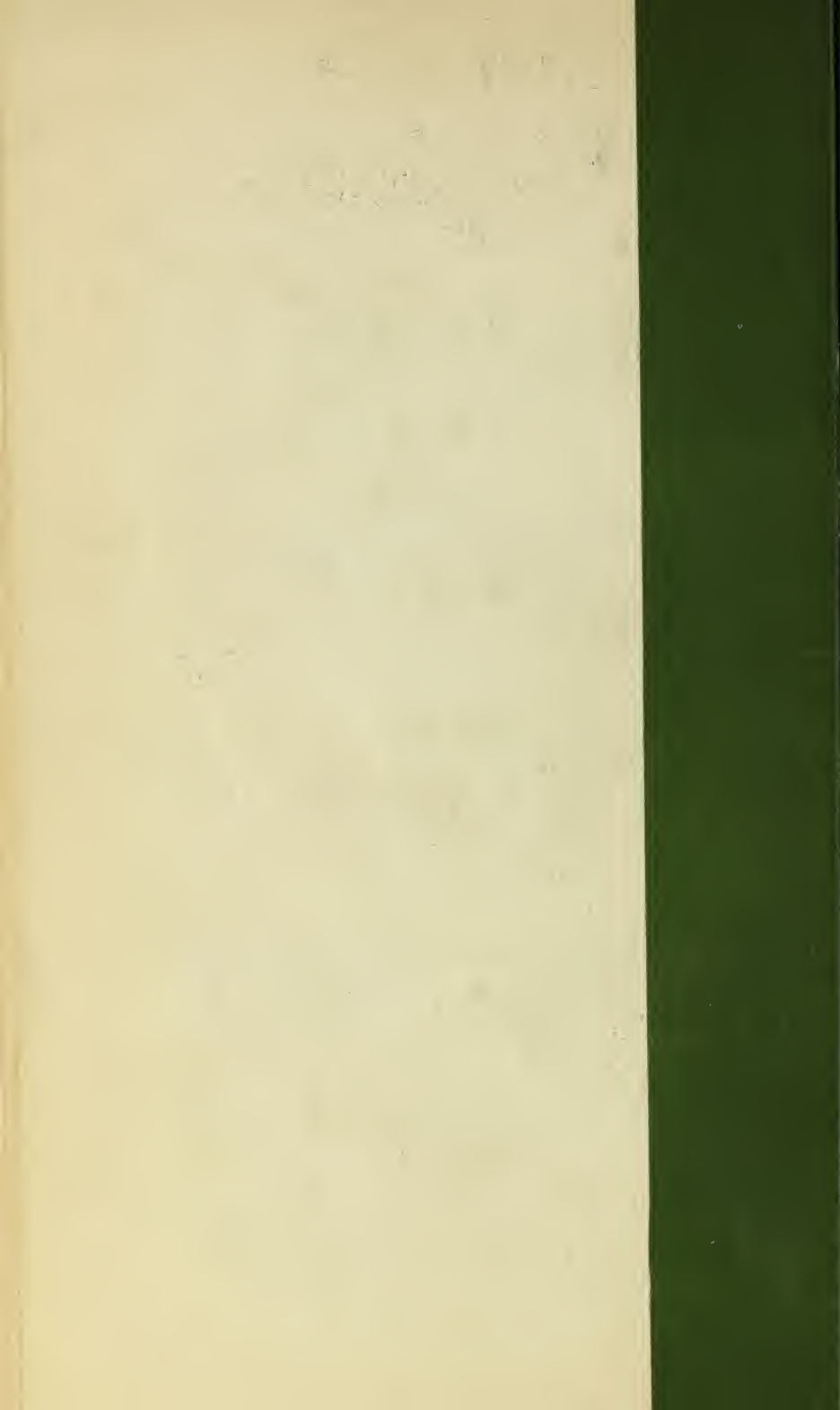
State	SCHOOLS OF ARTS AND SCIENCES						PROFESSIONAL SCHOOL																	
							Agriculture			Architecture			Commerce			Dentistry			Education					
	Undergraduate		Graduate		Graduate		Undergraduate		Graduate		Undergraduate		Graduate		Undergraduate		Graduate		Undergraduate		Graduate			
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
Continental United States.....	810,188	434,555	87,858	34,169	53,194	986	5,319	206	9,166	715	2,484	176,706	27,534	11,927	861	11,372	420	2,235	107,426	114,469	29,683	27,799		
Alabama.....	9,851	4,682	281	102	1,846	21	159	3	617	90	4	2,900	234	143	13	103	---	---	3,471	3,657	274	196		
Arizona.....	4,000	1,713	93	48	419	16	30	---	---	---	---	1,064	209	24	4	---	---	---	1,611	1,189	288	180		
Arkansas.....	6,893	4,616	75	22	1,067	7	---	---	---	---	---	1,607	334	22	8	---	---	---	1,494	1,269	250	65		
California.....	95,300	52,622	9,529	3,886	3,791	98	396	29	1,079	38	47	8,890	934	934	27	864	84	8	2,341	2,263	3,058	1,307		
Colorado.....	10,905	6,604	1,284	490	1,074	23	42	2	---	---	---	3,280	271	485	40	---	---	---	968	900	494	136		
Connecticut.....	11,460	3,231	436	111	538	17	---	---	103	4	---	2,492	292	4	---	---	---	---	1,287	1,268	43	69		
Delaware.....	1,118	482	191	68	194	3	12	---	---	---	---	---	---	---	---	---	---	---	116	126	26	48		
Florida.....	18,020	7,437	619	309	618	6	166	8	326	21	1	852	21	69	4	---	---	---	683	1,588	503	284		
Georgia.....	10,257	8,110	691	532	1,011	8	60	3	524	---	---	6,422	2,776	50	7	339	2	---	1,231	1,427	216	190		
Idaho.....	3,423	1,533	49	19	388	1	18	---	---	---	---	584	105	9	---	---	---	---	817	485	29	7		
Illinois.....	42,251	25,384	7,377	3,312	1,292	21	252	11	989	21	24	16,567	1,787	1,013	156	976	55	77	5,502	6,206	790	448		
Indiana.....	23,576	12,720	2,163	630	1,303	20	61	1	45	---	---	5,685	1,571	200	11	277	1	---	5,141	4,110	823	546		
Iowa.....	16,637	8,457	2,257	567	1,971	28	225	5	221	1	2	1,818	115	105	12	213	2	15	2,307	2,640	300	139		
Kansas.....	13,649	7,334	836	246	1,383	9	55	---	---	---	---	1,732	182	54	1	---	---	---	1,870	1,422	347	157		
Kentucky.....	11,378	8,248	803	398	718	8	150	1	---	---	---	1,398	139	---	---	224	---	---	1,538	981	380	141		
Louisiana.....	10,507	5,725	665	172	1,522	65	168	---	128	6	---	2,060	340	82	13	177	---	---	1,872	2,264	335	80		
Maine.....	3,778	1,812	38	16	398	5	18	1	---	---	---	---	---	---	---	---	---	---	662	683	22	4		
Maryland.....	8,774	4,686	1,234	218	828	21	137	6	---	---	---	4,366	255	108	16	396	2	3	855	1,632	357	396		
Massachusetts.....	24,578	14,323	3,405	1,410	441	19	20	---	144	10	239	9,436	1,188	1,551	14	395	7	---	3,244	4,193	1,081	743		
Michigan.....	31,276	16,612	4,252	1,998	1,083	28	254	1	603	161	12	5,747	534	218	25	696	88	---	4,831	4,544	1,827	2,238		
Minnesota.....	19,869	10,581	1,464	475	1,529	20	339	23	---	---	---	1,352	57	136	19	355	8	16	4,138	4,360	404	134		
Mississippi.....	7,735	3,968	1,562	352	956	---	---	---	---	---	---	1,539	198	---	---	---	---	---	1,464	970	370	---		
Missouri.....	20,071	13,461	2,581	1,066	1,733	4	180	---	425	35	3	4,657	433	177	24	1,092	5	8	2,047	2,540	399	186		
Montana.....	2,298	1,045	120	49	574	8	23	2	120	3	1	1,845	202	29	9	285	---	---	2,853	2,763	46	8		
Nebraska.....	6,607	3,535	493	156	838	---	110	5	---	---	---	---	107	96	4	---	---	---	2,279	1,994	212	67		

Nevada.....	801	438	61	38	90	3	15	1	742	68	39	26,214	3,196	4,533	260	915	39	32	9,135	14,321	10,883	9,525	1
New Hampshire.....	5,308	1,609	211	29	323	68	15	1	---	---	---	2,200	240	---	---	---	---	---	2,234	672	---	---	68
New Jersey.....	18,355	5,584	1,134	161	665	---	145	10	---	---	---	634	72	---	---	---	---	---	2,699	672	---	---	1
New Mexico.....	3,405	1,473	707	273	470	6	2	---	---	---	---	---	---	---	---	---	---	---	9,135	14,321	10,883	9,525	1
New York.....	73,161	41,117	14,536	5,429	2,055	165	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
North Carolina.....	17,506	11,506	1,032	385	1,356	3	157	8	---	---	---	1,427	227	59	6	---	---	---	2,767	2,634	199	124	---
North Dakota.....	2,999	1,387	222	40	526	1	21	1	---	---	---	---	---	---	---	---	---	---	6,411	6,820	615	553	---
Ohio.....	33,354	19,328	3,846	1,188	2,267	26	153	---	441	1	---	17,092	4,556	208	5	585	---	---	2,863	2,131	480	480	---
Oklahoma.....	14,842	6,351	1,411	528	2,568	13	170	---	221	7	---	4,275	1,074	163	34	---	---	---	1,063	995	203	51	---
Oregon.....	11,973	7,634	770	145	1,005	23	140	5	473	176	49	2,794	454	49	6	278	1	---	---	---	---	---	---
Pennsylvania.....	45,548	17,178	8,036	2,993	2,196	130	242	19	516	35	14	9,473	523	642	15	1,385	12	1	9,500	7,087	750	515	---
Rhode Island.....	5,920	1,381	465	128	201	3	---	---	---	---	---	1,899	472	---	---	---	---	---	176	614	---	28	---
South Carolina.....	7,535	5,576	133	63	808	---	---	---	---	---	---	1,187	243	20	11	---	---	---	787	569	317	288	---
South Dakota.....	3,280	1,456	76	21	598	1	42	---	---	---	---	198	15	---	---	---	---	---	744	469	32	8	---
Tennessee.....	16,036	10,084	929	308	1,282	5	70	1	---	---	---	2,150	576	119	29	581	4	24	2,065	2,285	1,005	593	---
Texas.....	50,694	30,097	4,304	2,705	4,541	15	525	1	820	22	23	9,434	1,884	305	52	400	2	2	2,658	3,954	1,500	2,098	---
Utah.....	7,687	3,377	1,103	263	891	4	76	2	---	---	---	2,108	470	46	7	---	---	---	1,578	1,626	102	28	---
Vermont.....	3,024	1,734	34	12	328	16	11	---	---	---	---	393	47	6	---	---	---	---	296	575	43	4	---
Virginia.....	12,457	8,721	420	60	745	10	44	4	147	9	12	1,125	557	67	3	190	---	---	827	2,143	122	49	---
Washington.....	17,290	8,421	1,412	586	493	12	107	5	---	---	---	3,663	284	126	20	184	---	43	2,089	1,339	5	213	---
West Virginia.....	10,271	4,448	413	257	607	2	67	2	---	---	---	201	143	---	---	---	---	---	1,970	1,920	244	190	---
Wisconsin.....	14,853	7,315	1,845	580	1,237	20	524	45	---	---	---	2,567	120	62	5	399	80	---	5,067	5,038	244	97	---
Wyoming.....	770	368	148	61	357	5	26	1	67	2	---	292	83	13	1	---	---	---	346	251	49	21	---
District of Columbia.....	12,626	6,451	3,052	1,264	---	---	---	---	360	5	14	---	---	---	---	503	28	---	480	925	148	164	---
U. S. service academies.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Outlying parts of the U. S.	4,243	2,249	124	68	491	4	5	---	---	---	---	1,042	273	---	---	---	---	---	1,074	1,509	32	158	---
Alaska.....	24	22	---	---	17	---	---	---	---	---	---	---	---	---	---	---	---	---	25	58	---	---	---
Canal Zone.....	153	73	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hawaii.....	1,544	843	112	54	177	1	5	---	---	---	---	369	83	---	---	---	---	---	109	385	32	158	---
Puerto Rico.....	2,522	1,311	12	14	297	3	---	---	---	---	---	654	183	---	---	---	---	---	940	1,060	---	---	---

See footnotes at end of table.

Table 6.—Students in arts and sciences and in professional schools, by level of training, sex, and State: 1949-50—Continued

State	PROFESSIONAL SCHOOL																											
	Engineering				Home economics				Law				Medicine				Nursing				Pharmacy				Other professional schools			
	Under-graduate		Graduate		Under-graduate		Graduate		Under-graduate		Graduate		Under-graduate		Graduate		Under-graduate and graduate		Under-graduate		Graduate		Under-graduate		Graduate			
Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en	Men	Wom- en			
1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46					
Continental United States.	210,015	791	17,991	117		752	22,796	41,048,54,295	2,090	51,608	24,803	2,202	3,844	282	6253	619,870	18,788	1,785	7444	89,924	31,745	13,480	5,034					
Alabama.....	3,246	10	39		10	1,307	55	637	19		203	11				115	574	51		2,320	350	77	8					
Arizona.....	727	3	9		1	188	3	215	3							24	206	13		698	232	36	7					
Arkansas.....	1,067	1	5		2	324	4	262	1		312	11				2	269	3		351	46	5	3					
California.....	7,932	26	1,108	5		206	29	4,315	189	10	1,084	108	159	4		475	720	85	16	3,694	1,203	758	241					
Colorado.....	4,726	31	219	3		396	5	549	21	2	271	21	302	27		14	573	57	4		618	132	133	102				
Connecticut.....	2,574	5	98			200		794	46		234	43				396	215	40		1,827	362	1,052	189					
Delaware.....	561	2	203			119	6													106	699	282	252					
Florida.....	1,259	5	85			492		1,354	37		557	18				89	228	8	16	1,257	2,491	355	201					
Georgia.....	3,981		259			343	13	1,347	70	86						241	510	26		2,491	355	201	93					
Idaho.....	529	1	18			130	1	85	3								291	25		346		19	24					
Illinois.....	11,090	30	931	11	2	609	36	3,057	120	43	1,910	155	528	35		607	421	34	22	9,727	5,126	1,396	637					
Indiana.....	11,095	37	1,003	1	14	1,035	89	1,071	25		592	47				244	613	50	68	3,211	2,259	276	103					
Iowa.....	78	4	278			10	78	681	10		313	24	26			269	308	36	9	1,273	559	97	47					
Kansas.....	2,947	17	150		5	1,738	49	489	12		333	85	21	2		166	227	20	13	1,822	812	87	22					
Kentucky.....	1,788	7	84			238	16	655	24		349	18	12	1		45	209	10		1,419	211	225	56					
Louisiana.....	2,888	7	126		1	527	12	810	16		841	61	366	19		314	420	57		1,143	575	195	160					
Maine.....	1,219	2	31	1		288										37				392	10	13	2					
Maryland.....	2,219	1	694	2	31	338	11	944	35	13	630	55	15	6		188	290	19	41	1,439	485	144	18					
Massachusetts.....	9,517	43	1,195	3		582	4	4,094	341	161	1,106	70				978	443	34	18	4,633	1,279	1,196	145					
Michigan.....	14,458	36	1,132	4	14	698	52	2,481	97	35	1,535	84	254	42		860	1,030	146	65	1,707	438	320	342					
Minnesota.....	3,853	51	364	1		600	22	1,071	39	1	507	43	1,131	46		458	405	29	34	1,180	703	44	22					
Mississippi.....	899	2	233			116					113	4								61		207	42					
Missouri.....	6,456	35	856			298	8	1,583	51	1	1,187	80				24	893	623	33	3,583	926	328	233					
Montana.....	1,211	1	50			160	9	183	4	40						7	788	125	17	3	536	121	21					
Nebraska.....	1,399	15	26	1		340	14	487	10		590	45	11			7	455	354	38		155	29	21					



Biennial Survey of Education in the United States—1948-50

Chapter 4

SECTION II

Statistics of
Higher Education:
Receipts, Expenditures
and Property

1949-50

Chapter 4

Section II

Statistics of
Higher Education:
Receipts, Expenditures
and Property

HENRY G. BADGER, *Specialist in Educational Statistics, prepared the text, under the general direction of EMERY M. FOSTER, Head, Reports and Analysis Unit.*

MAUDE FARR, *Survey Statistician, was responsible for editing the original data and for preparing the basic State tables, under the general direction of ROBERT C. STORY, Head, Technical Services Unit*

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FOREWORD

THE COMPLEXITIES of modern life and the accumulation of useful organized knowledge have made higher education increasingly essential. Fortunately, the variety and quality of training now offered at the colleges and universities of the Nation far exceed what was available only 50 years ago. Given the necessary financial support, there is no doubt that higher education will continue to expand both in scope and in value.

This chapter brings down to the middle of the century the series of statistical and analytical reports on higher education begun in 1870, carried on annually to 1916, and continued on a biennial basis from 1918 to the present. For the first time, the report on statistics of higher education is being issued in two sections: Section I on faculty, students, and degrees; and Section II on receipts, expenditures, and property. The purpose of the division is to permit publication of each section as soon as it is ready.

The chapter is based on reports from the higher educational institutions in the 48 States, the District of Columbia, and the outlying parts of the United States. To the recorders, registrars, business officers, and comptrollers who supplied the data on which the chapter is based, the Office of Education wishes to express its deep appreciation.

HERBERT S. CONRAD, *Chief*
Research and Statistical Standards Section.

BUELL G. GALLAGHER, *Assistant Commissioner*
for Program Development and Coordination.

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STATISTICS OF HIGHER EDUCATION:

Receipts, Expenditures, and Property

General Trends

AS WAS SUGGESTED in Section I of the present report, the keynote of American higher education has for some years been increase, expansion. For many years each biennial summarization of data has shown more institutions, more teachers, more students, more graduates than ever before.

The fiscal year 1949-50 was no exception to this tendency. Increases in the number of institutions and in the number of persons connected with them, noted in Section I of the present chapter, were accompanied by increases in income and receipts, expenditures, plant values, and permanent funds. Data on teachers' salaries are too scattering to warrant inclusion here; such data as are available, however, point to increases along that line.

The present report is based primarily on reports on the finances of 1,851 institutions of higher education, in continental United States. Institutions located in the outlying parts of the Nation are not included in the summaries (table I).

Higher Education As a Whole

From 1947-48 to 1949-50, the number of institutions in the United States increased from 1,788 to 1,851; this was an increase of 63, or 3.5 percent. During the same period, the educational and general income of these institutions increased 19.2 percent; their educational and general expenditures, 22.6 percent; the value of their educational and other physical plant, 31.9 percent; and their endowment and other nonexpendable funds, 5.9 percent. Even if allowance is made for the increase in number of institutions, increases of more than 15 percent are noted in educational and general income, 18 percent in educational and general expenditures, 27 percent in value of property, and 2 percent in endowment and other nonexpendable funds.

Table 1.—Number of institutions of higher education, by control, type, region, and State: 1950

State, by region	ALL INSTITUTIONS				PUBLICLY CONTROLLED INSTITUTIONS				PRIVATELY CONTROLLED INSTITUTIONS			
	Total	Universities, colleges, and professional schools	Teachers colleges	Junior colleges ¹	Total	Universities, colleges, and professional schools	Teachers colleges	Junior colleges ¹	Total	Universities, colleges, and professional schools	Teachers colleges	Junior colleges ¹
1	2	3	4	5	6	7	8	9	10	11	12	13
Continental United States	1,851	1,109	218	524	641	161	183	297	1,210	947	35	227
New England	156	94	32	30	38	10	25	3	118	84	7	27
Maine.....	16	8	5	3	6	1	5		10	7		3
New Hampshire.....	9	6	2	1	3		2		6	5		1
Vermont.....	13	8	3	2	4	1	3		9	7		2
Massachusetts.....	77	46	15	16	18	5	10	3	59	41	5	13
Rhode Island.....	13	9	2	2	2	1	1		11	8	2	2
Connecticut.....	28	17	5	6	5	1	4		23	16	1	6
Middle Atlantic	279	191	40	48	56	7	31	18	223	184	9	30
New York.....	132	86	18	28	30	6	11	13	102	80	7	15
New Jersey.....	37	19	8	10	11	1	6	4	26	18	2	6
Pennsylvania.....	110	86	14	10	15		14	1	95	86		9
East North Central	321	223	34	64	87	17	24	46	234	206	10	18
Ohio.....	69	61	5	3	9	6	3		60	55	2	3
Indiana.....	40	35	3	2	6	3	2		34	32	1	1
Illinois.....	100	70	9	21	19	2	5	12	81	68	4	9
Michigan.....	46	31	4	11	18	4	4	10	28	27		1
Wisconsin.....	66	26	13	27	35	2	10	23	31	24	3	4
West North Central	248	127	31	90	104	17	28	59	144	110	3	31
Minnesota.....	44	25	7	12	16	1	5	10	28	24	2	2
Iowa.....	51	25	1	25	21	2	1	18	30	23		7
Missouri.....	55	28	7	20	18	2	7	4	37	26		11
North Dakota.....	13	4	5	4	11	2	5		2			
South Dakota.....	16	8	4	4	7	3	4		9	5		
Nebraska.....	24	14	5	5	10	2	4	4	14	12	1	4
Kansas.....	45	23	2	20	21	5	2	14	24	18		6
South Atlantic	287	181	24	82	85	42	24	19	202	139		63
Delaware.....	5	3	1	1	2	1	1		3	2		1
Maryland.....	34	24	5	5	12	3	5	4	22	21		1

Virginia.....	44	30	2	12	12	9	2	1	32	21	.....	11
West Virginia.....	22	12	6	4	11	4	6	1	11	8	.....	3
North Carolina.....	54	27	6	21	14	6	6	2	40	21	.....	19
South Carolina.....	32	24	.....	8	7	7	.....	.....	25	17	.....	8
Georgia.....	54	33	2	19	19	9	2	8	35	24	.....	11
Florida.....	18	12	2	6	6	3	.....	3	12	9	.....	3
District of Columbia.....	24	16	2	6	2	.....	.....	.....	22	16	.....	6
East South Central.....	147	79	15	53	44	13	13	18	103	66	2	35
Kentucky.....	40	20	5	15	9	3	4	2	31	17	1	13
Tennessee.....	46	31	2	13	7	2	1	4	30	20	1	9
Alabama.....	26	16	5	5	9	4	5	.....	17	12	.....	5
Mississippi.....	35	12	3	20	19	4	3	12	16	8	.....	8
West South Central.....	171	93	15	63	93	28	15	50	78	65	.....	13
Arkansas.....	23	14	2	7	12	5	2	5	11	9	.....	2
Louisiana.....	18	17	1	.....	26	6	1	.....	11	11	.....	.....
Oklahoma.....	35	13	5	17	26	6	5	15	9	7	.....	2
Texas.....	95	49	7	39	48	11	7	30	47	38	.....	9
Mountain.....	67	33	13	21	48	17	11	20	19	16	2	1
Montana.....	11	5	3	3	8	3	2	3	3	2	1	.....
Idaho.....	9	5	2	2	6	2	2	2	3	3	.....	.....
Wyoming.....	2	1	2	1	2	1	.....	1	.....	.....	.....	.....
Colorado.....	20	9	3	8	13	3	3	7	7	6	.....	1
New Mexico.....	9	5	3	1	7	4	2	1	2	1	1	.....
Arizona.....	6	2	2	1	5	1	2	2	1	1	.....	.....
Utah.....	9	5	.....	4	6	2	.....	4	3	3	.....	.....
Nevada.....	1	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....
Pacific.....	171	84	14	73	82	6	12	64	89	78	2	9
Washington.....	27	13	4	10	14	2	3	9	13	11	1	1
Oregon.....	22	15	4	3	7	2	3	2	15	13	1	1
California.....	122	56	6	60	61	2	6	53	61	54	.....	7
U.S. service academies.....	4	4	.....	.....	4	4	.....	.....	.....	.....	.....	.....
Outlying parts of the United States.....	5	4	.....	1	4	3	.....	1	1	1	.....	.....
Alaska.....	1	1	.....	.....	1	1	.....	.....	1	.....	.....	.....
Canal Zone.....	1	1	.....	1	1	1	.....	1	1	.....	.....	.....
Hawaii.....	1	1	.....	1	1	1	.....	.....	.....	.....	.....	.....
Puerto Rico.....	2	2	.....	1	1	1	.....	.....	1	1	.....	.....

Includes normal schools and technical institutes

Comparison over a 50-year period yields more striking results. For every 10 institutions in 1900, there were 19 in 1950. Every dollar of educational and general income in 1900 increased to \$52.25 in 1950. For every dollar of investment in physical plant in 1900, there was an investment of \$20.79 in 1950. Finally, every dollar held as endowment or nonexpendable funds in 1900 was replaced by \$13.56 in 1950.

Growth of Large Institutions

The growth of large institutions was commented on in Section I of this report. The number of institutions enrolling 3,000 or more students rose from fewer than half a dozen in 1900 to 168 in 1950; correspondingly, the average student enrollment per institution rose from fewer than 250 in 1899-1900 to more than 1,400 in 1949-50.

This increase in student body was accompanied by increases in financial strength. The average value of physical plant (buildings, grounds, furniture, scientific equipment, libraries, etc.) rose from less than \$100,000 per institution in 1900 to more than \$2,800,000 in 1950. The average amount of endowment and other nonexpendable funds per institution rose from just under \$200,000 in 1900 to more than \$1,400,000 in 1950.

Not only has the average financial strength of institutions increased, but there has also been a marked concentration of wealth in relatively few institutions. Thus, in 1950, there were 32 institutions which reported physical plants valued at \$25,000,000 or more. These constituted 1.7 percent of the total number of institutions. The total value of their physical plant was set at \$1,502,976,302, which was 31.3 percent of the entire higher educational plant of the Nation. Listing these 32 institutions according to the total value of their physical plant brings to light the further fact that the wealthiest 19 (1.0 percent of the total number) have 22.6 percent of the plant, by value. This group does not include 2 institutions reputed to have large plants, but not reporting their value. The group of 19 reporting includes 13 under public control and 4 under private control; the remaining 2 are under joint State and private control.

A similar listing of institutions with the largest amount of endowment and other nonexpendable funds held in 1950 (not including student loan funds) yields facts no less interesting. No fewer than 26 institutions (1.4 percent of the total number of 1,851) reported permanent or quasi-permanent funds amounting to at least \$20,000,000. These 26 institutions reported funds amounting to \$1,394,328,216, or 53.6 percent of the national total of \$2,601,222,994. The top 19 (1.0 percent) report funds amounting to \$1,216,003,662, or 46.7 percent of the national total. Thus, the wealthiest 1 percent of the institutions of higher education had in 1950 more than 46 percent of the total endowment of all American higher education. Of these 19 institutions, 3 are under public

control, 15 are privately controlled, and 1 is under both State and private control. Of this group of 19 institutions, 2 whose endowment totals more than \$250,000,000 are located within a scant 2 miles of each other. Two others, barely a dozen miles apart, have endowment funds totaling nearly \$140,000,000. Another pair of institutions, located across the city from each other, have total endowment funds of more than \$120,000,000.

Eight institutions listed among the 19 with the largest endowment funds are also listed among the 19 having the largest investment in physical plant. The total value of plant and endowment funds of these 8 institutions is \$1,046,909,093, which is a little over 13 percent of the total amount of investment in higher education facilities (plant, plant funds, endowment, and annuity funds, but not including student loan funds) for the Nation. Thus, more than one-eighth of the total property of all higher educational institutions was in 1950 held by 8 institutions: less than half of 1 percent of the total number of schools.

Institutions for the Higher Education of Negroes

Among the most significant developments of the first half of the twentieth century has been the growth of the Negro college. At the beginning of the century there were 99 of these institutions in the Nation, but only 58 which actually gave instruction of college grade. The 99 colleges and so-called colleges reported physical property valued at \$7,930,949. By 1950 the total number of institutions actually giving instruction of college grade had risen to 105, not quite twice the earlier number. The value of the physical plant of these 105 institutions was reported in 1950 as \$138,986,810, more than 17 times the earlier figure. The 1950 total, by the way, does not include \$16,557,767 in funds available but not yet used for plant expansion. There appears to be no counterpart of this item in the 1900 report.

The total amount of endowment and other nonexpendable funds held by these 105 institutions in 1950 amounted to \$49,329,260. This does not include student loan funds amounting to \$336,768. Data are not available on the 1900 status of these funds.

Remarkable as the growth of these 105 institutions has been, they are still as a rule smaller and have less financial strength than white or non-segregated institutions. Although in 1950 Negro institutions constituted 5.7 percent of the total number of institutions in the United States, they received only 2.5 percent of the current income, 3.4 percent of the plant fund income, and 1.5 percent of the gifts for nonexpendable funds. They incurred 2.5 percent of the total current expenditures and at the end of the fiscal year 1950 had only 2.6 percent of the total property. Curiously enough, although they reported only 1.9 percent of the total endowment funds of all higher education, their endow-

ment funds earned 2.4 percent of the Nation's total income from endowments (table II).

These data, it should be remembered, do not include all higher education facilities utilized by Negroes. They include only the institutions attended exclusively or predominantly by Negroes, not those attended predominantly by white persons.

Income

Receipts collected at the business office of a modern institution of higher education are commonly classified into six groups, according to the purpose for which they are collected. These groups, known technically as funds, are: current funds, loan funds, endowment and other nonexpendable funds, annuity funds, plant funds, and agency funds.

Current funds are those which are available for the immediate or recurring purposes of the institution, such as salaries, travel of employees, purchase of supplies or materials for immediate use in classrooms, libraries, or offices, purchase of food for dining halls, and similar items, whether for educational or other purposes. These current funds are usually subdivided into (1) educational and general funds, (2) auxiliary enterprises and activities funds, and (3) other noneducational funds. Loan funds are those funds the principal of which may be lent to students to assist them in defraying their expenses while in school.

Endowment and other nonexpendable funds are those funds the principal of which is to be invested, the income of which alone being available for the current purposes of the institution. Endowment funds may be restricted in their purpose (interest usable only for certain specified purposes) or unrestricted (interest usable for any legitimate activity of the institution). Under normal conditions, the total of these funds does not decrease from year to year.

Annuity funds are funds acquired subject to the condition that the recipient institution pay stipulated sums of money annually to a designated beneficiary or beneficiaries. These payments continue throughout the lifetime of the beneficiaries, the principal of each fund remaining permanently in the possession of the institution. Since annuity funds are usually, not necessarily always, transferred to the endowment at the death of the last beneficiary, many institutions carry them as part of the endowment fund group. In fact, they are so carried in the present report. Beginning with the 1951-52 report, however, it is planned to list and report them separately.

Plant funds are those funds which have been or are to be invested in buildings, grounds, library books, equipment, and other elements making up the physical plant of an institution.

Agency funds are those funds left in the custody of the institution by various persons or organizations, but not expendable by the in-

Table II.—Finances, institutions for the higher education of Negroes, 1949-50
[Financial data in thousands of dollars, i.e., 000 omitted]

Item	All higher education	Institutions for the higher education of Negroes	
		Number or amount	Percent of all higher education
1	2	3	4
Total number of institutions.....	1,851	105	5.7
CURRENT INCOME.....	\$2,374,645	\$ 60,429	2.5
Educational and general income, by source.....	1,833,845	42,489	2.3
Student fees.....	394,610	8,552	2.2
Federal Government:			
For veterans' education.....	307,325	5,534	1.8
For other purposes.....	216,994	3,850	1.8
State governments.....	491,958	15,541	3.2
Local governments.....	61,378	364	.6
Endowment earnings.....	96,341	2,356	2.4
Private benefactions.....	118,627	4,232	3.6
Organized activities related to instructional departments.....	111,987	1,625	1.5
Miscellaneous sources.....	34,625	435	1.3
Auxiliary enterprises.....	511,265	16,721	3.3
Other noneducational income.....	29,535	1,219	4.1
RECEIPTS FOR PLANT EXPANSION (ALL SOURCES).....	528,747	18,186	3.4
PRIVATE GIFTS AND GRANTS FOR NONEXPENDABLE FUNDS.....	66,850	992	1.5
Endowment funds.....	62,829	933	1.5
Annuity funds.....	2,472	9	.4
Student loan funds.....	1,549	50	3.2
CURRENT EXPENDITURES.....	\$2,245,661	\$ 56,523	2.5
Total educational and general.....	1,706,444	38,581	2.3
Administration and general expense.....	213,070	6,093	2.9
Resident instruction.....	780,994	21,062	2.7
Organized research.....	225,341	565	0.3
Extension.....	86,674	408	0.5
Libraries.....	56,147	1,419	2.5
Plant operation and maintenance.....	225,110	7,081	3.1
Organized activities related to instructional departments.....	119,108	1,953	1.6
Auxiliary enterprises.....	476,401	16,151	3.4
Other noneducational expenditures.....	62,816	1,791	2.9
EXPENDITURES FOR PLANT EXPANSION.....	416,831	13,966	3.4
PROPERTY: TOTAL PLANT, PLANT FUNDS, AND NON-EXPENDABLE FUNDS.....	\$7,916,913	\$205,211	2.6
Physical plant and plant funds.....	\$5,272,590	\$155,545	3.0
Value of physical plant.....	4,799,964	138,987	2.9
Unexpended plant funds.....	472,626	16,558	3.5
Nonexpendable funds.....	\$2,644,323	\$ 49,666	1.9
Endowment and other nonexpendable funds ¹	2,601,223	49,330	1.9
Student loan funds.....	43,100	336	.8

¹At end of fiscal year.

²Includes annuity funds.

stitution except on written authority from the person or organization concerned. In other words, they are funds on deposit with the institution's treasurer. Since they are really not the property of the institution, it has not been the policy of the Office of Education to collect data on them. The present report therefore includes no analysis of these funds.

Current Income

The total current income of all institutions of higher education in 1949-50 was \$2,374,644,948. This exceeds the 1947-48 total of \$2,027,050,985 by \$347,593,963, or 17.1 percent. Of the 1949-50 total \$1,238,945,207, or 52.2 percent, was received by institutions under public control; the remaining \$1,135,699,741, or 47.8 percent, was received by institutions under private control. (Institutions under joint public and private control are tabulated as part of the privately controlled group.) Of the 1949-50 total \$2,089,207,293, or 88.0 percent was received by universities, colleges, and professional schools; \$149,458,836, or 6.3 percent, by teachers colleges; and \$135,978,819, or 5.7 percent, by junior colleges and normal schools.

Educational and General Fund Income

Educational and general income is that income which is available for those regular and customary activities of an institution which are part of, contributory to, and/or necessary to its instructional or research program. These activities, usually spoken of as functions, are discussed in some detail in the section on educational expenditures.

The income of institutions of higher education available for educational and general purposes amounted to \$1,833,845,525 in 1949-50. Of this amount, \$18,014,000 was reported for the four United States Service academies. The net for the 1,847 non-Federal institutions was \$1,815,831,525 (table III), which exceeded the 1947-48 total of \$1,519,452,513 by \$296,379,012, or 19.5 percent.

The 1949-50 total quoted in the preceding paragraph was nearly $3\frac{1}{4}$ times that for 1939-40 (table III), increases during the decade being noted in every region. That in New England was the least, the 1949-50 total being only a little over $2\frac{1}{2}$ times that for 1939-40. In the Mountain States the 1949-50 figure was a little over $3\frac{1}{2}$ times that for 1939-40; and in the Pacific region it went to nearly $4\frac{1}{2}$ times the earlier total.

PER CAPITA INCOME. — One measure of the comparative support given higher education in the various States is that of current receipts per capita. In the selection of data for a comparison of this nature, certain arbitrary measures are necessary. Thus, per capita may be measured in terms of students enrolled or in terms of total popula-

tion, as well as in various modifications of either of these criteria. Each of these criteria has its faults as well as its merits. In the present report, two measures are used: (1) Total civilian population as of July 1, 1949, by region and State; and (2) total resident college enrollments

Table III.—Income for educational and general purposes, non-Federal institutions of higher education, by region: 1939-40 and 1943-44 to 1949-50.

Region	1939-40	1943-44	1945-46 ¹	1947-48	1949-50	
					Amount	Percent of 1939-40
1	2	3	4	5	6	7
Continental United States.....	\$563, 098, 683	\$863, 653, 882	\$923, 800, 533	\$1, 519, 452, 513	\$1, 815, 831, 525	322. 5
New England.....	57,508,119	72,670,268	83,461,443	134,430,519	149,382,112	259.8
Middle Atlantic.....	120,784,544	160,368,732	183,681,235	300,085,192	348,523,032	288.6
East North Central.....	114,465,551	180,467,631	188,362,712	326,587,939	384,479,810	335.9
West North Central.....	61,777,852	92,944,231	89,641,906	154,824,675	182,112,992	294.8
South Atlantic.....	61,399,505	94,929,782	109,103,226	172,595,125	211,858,981	345.0
East South Central.....	29,282,101	43,987,598	44,407,608	74,378,539	92,115,930	314.6
West South Central.....	45,552,253	66,966,369	75,934,134	118,855,270	142,601,313	313.0
Mountain.....	20,162,087	34,221,831	33,390,241	56,992,698	71,524,053	354.7
Pacific.....	52,166,671	11,7097,440	115,818,028	180,702,556	233,233,302	447.1

¹All figures adjusted to include estimates for institutions not reporting.

for the regular session 1949-50, also by region and State. When these are used as divisors against such items as public funds and private benefactions, certain facts develop (table IV).

In 1949-50 the total contribution of all types of government (Federal, State, and local) to non-Federal institutions of higher education amounted to \$7.13 for each civilian person resident in continental United States on July 1, 1949. This is the highest per capita contribution calculated to date; it exceeds the 1947-48 contribution of \$6.33 by 80 cents, or 12.6 percent. It is more than 4½ times the \$1.57 reported for 1939-40. The 1949-50 figure includes \$2.07 from the Federal Government for veterans' education under the Servicemen's Readjustment Act of 1944 (the so-called G. I. Bill); it does not include veterans' subsistence allowances. It includes \$1.34 from the Federal Government for general current purposes, \$3.31 from State governments, and 41 cents from local governments. Each of these contributions, except that from the Federal Government for veterans' education, represents an increase over the corresponding figure for 1947-48. The decrease in this item is, of course, attributable to the decrease of approximately 24 percent in the enrollment of veterans in institutions of higher education, commented on in Section I of this report.

Total government contributions ranged in amounts from \$3.39 in Maine and \$3.41 in New Jersey and Georgia to \$12.79 in Wyoming and \$13.71 in California, with Indiana (\$7.07) nearest to the median

Table IV.—Current receipts per capita from public sources and from private benefactions, non-Federal institutions of higher education: 1949-50

State, by region	CURRENT RECEIPTS PER CAPITA OF TOTAL POPULATION						Private benefactions per student enrolled
	Public sources					Private benefactions	
	Total	Federal Government for ¹ —		State government	Local government		
		Veterans' educational student fees	Other current purposes				
1	2	3	4	5	6	7	8
Continental United States	\$7.13	\$2.07	\$1.34	\$3.31	\$0.41	\$0.80	\$44.74
New England	6.65	2.88	2.22	1.47	0.07	1.55	82.99
Maine	3.39	1.48	.56	1.28	.07	.15	14.44
New Hampshire	6.01	2.36	.79	2.79	.07	1.51	82.73
Vermont	6.30	3.06	1.29	1.74	.21	1.20	57.21
Massachusetts	8.10	3.35	3.69	.99	.07	2.01	92.60
Rhode Island	5.43	2.83	.90	1.70	.00	.33	19.05
Connecticut	5.33	2.53	.52	2.21	.07	1.63	107.47
Middle Atlantic	5.54	2.36	1.07	1.60	0.51	0.83	45.22
New York	7.00	2.68	1.60	1.71	1.01	.98	41.06
New Jersey	3.41	1.49	.48	1.35	.09	.60	63.35
Pennsylvania	4.46	2.32	.58	1.55	.01	.72	49.44
East North Central	7.38	1.98	1.38	3.72	0.30	0.97	51.46
Ohio	4.42	1.46	.36	2.28	.32	.93	50.73
Indiana	7.07	2.33	.68	3.99	.07	.77	36.55
Illinois	10.19	2.22	3.44	4.35	.18	1.22	62.47
Michigan	7.72	1.86	.77	4.33	.76	.02	34.30
Wisconsin	6.97	2.40	.47	4.05	.05	1.28	77.94
West North Central	8.03	1.92	0.99	4.85	0.27	0.84	45.62
Minnesota	8.71	1.72	1.11	5.66	.22	1.17	62.04
Iowa	9.71	2.02	1.39	6.23	.07	.77	42.08
Missouri	5.30	2.03	.69	2.30	.28	.77	42.66
North Dakota	11.07	1.45	1.25	8.33	.04	.16	10.04
South Dakota	7.83	1.58	1.10	5.15	.00	.36	24.89
Nebraska	6.89	1.75	.83	3.96	.35	.95	52.43
Kansas	10.33	2.24	.89	6.44	.76	.87	41.36
South Atlantic	5.67	1.68	1.04	2.87	0.08	0.66	44.90
Delaware	5.25	1.27	1.11	2.85	.02	.47	41.84
Maryland	8.88	1.86	3.65	3.23	.14	1.09	69.81
Virginia	3.64	1.07	.49	2.07	.01	.58	50.32
West Virginia	5.66	.92	.47	4.27	.00	.10	8.23
North Carolina	4.77	1.30	.73	2.72	.02	.62	52.23
South Carolina	4.34	1.16	.63	2.51	.04	.57	46.74
Georgia	3.41	1.35	.50	1.50	.06	.55	40.75
Florida	8.75	2.71	.26	5.65	.13	.19	13.69
District of Columbia	11.64	6.66	4.20	.00	.78	3.38	61.36
East South Central	4.59	1.33	0.67	2.38	0.21	0.54	43.35
Kentucky	3.66	1.00	.59	1.85	.22	.67	58.47
Tennessee	4.75	1.64	.65	2.44	.02	.70	48.33
Alabama	5.23	1.50	.66	2.93	.14	.40	32.75
Mississippi	4.69	1.03	.85	2.21	.60	.30	27.80
West South Central	6.89	1.90	0.61	4.17	0.21	0.47	26.10
Arkansas	5.86	1.27	.90	3.67	.02	.31	27.02
Louisiana	6.55	1.32	.54	4.63	.06	.70	47.95
Oklahoma	9.05	2.72	.81	5.51	.01	.19	8.13
Texas	6.66	2.02	.51	3.76	.37	.50	26.33

Table IV. Continued

State, by region	CURRENT RECEIPTS PER CAPITA OF TOTAL POPULATION						
	Public sources					Private benefactions	Private benefactions per student enrolled
	Total	Federal Government for?—		State government	Local government		
		Veterans' educational student fees	Other current purposes				
1	2	3	4	5	6	7	8
Continental United States	\$7.13	\$2.07	\$1.34	\$3.31	\$0.41	\$0.80	\$44.74
Mountain	10.61	2.97	1.28	6.03	0.33	0.67	29.06
Montana	8.86	2.01	0.97	5.83	0.05	0.25	13.69
Idaho	9.44	1.25	.96	6.76	.47	.39	24.03
Wyoming	12.79	2.01	1.53	8.87	.38	.00	.00
Colorado	12.51	4.92	1.71	5.41	.47	.82	27.67
New Mexico	10.66	2.51	1.28	6.48	.39	.10	5.75
Arizona	8.01	2.62	.58	4.41	.40	.00	7.86
Utah	12.06	3.31	1.45	7.23	.07	2.49	70.18
Nevada	7.91	.94	1.99	4.68	.30	.00	.00
Pacific	12.53	2.26	3.27	5.33	1.67	0.63	30.27
Washington	10.32	1.61	0.66	7.86	0.19	0.48	24.50
Oregon	7.76	2.23	.60	4.72	.21	.30	13.08
California	13.71	2.41	4.25	4.85	2.20	.71	34.26
Range:							
Highest	13.71	6.66	4.25	8.87	2.20	3.38	107.47
Lowest	3.39	.92	.26	.00	.00	.00	.00
Median	7.08	2.02	.86	3.70	.11	.62	41.50

of \$7.08. Quartiles 1 and 3 (not shown in the table) were \$5.18 and \$9.25, respectively.

Contributions of the Federal Government for general current purposes ranged from 26 cents in Florida to \$4.25 in California, with Mississippi (85 cents) nearest the median of 86 cents. Quartiles 1 and 3 were 62 cents and \$1.30, respectively.

State governments increased their per capita contributions from \$2.46 in 1947-48 to \$3.31 in 1949-50. The 1949-50 contributions ranged from nothing in the District of Columbia (which is not organized as a State) and 99 cents in Massachusetts to \$8.33 in North Dakota and \$8.87 in Wyoming. Arkansas (\$3.67) was nearest the median of \$3.70. Quartiles 1 and 3 were \$2.20 and \$5.29, respectively.

Contributions of local governments increased from 33 cents per capita in 1947-48 to 41 cents in 1949-50. The largest contribution from this source was \$2.20 in California, a State in which locally controlled junior colleges are numerous. No contributions at all from this source were reported from Rhode Island, South Dakota, West

Virginia, or Nevada. The smallest actual contribution was reported from Virginia: just 1 cent. New York, the home of the large, city-controlled College of the City of New York, reports a per capita contribution of \$1.01 from this source.

Private benefactions per capita of population ranged from nothing in the three Western States of Arizona, Nevada, and Wyoming to \$2.49 in Utah and \$3.38 in the District of Columbia. The average for the Nation was 80 cents, an increase of 25 percent over the national average of 64 cents reported for 1947-48, and more than double the 31 cents reported in this category for 1939-40.

A somewhat more defensible measure of private philanthropy is obtained by comparing private benefactions with students enrolled (column 8 of table IV). Thus, for every student registered at a non-Federal institution of higher education in 1949-50, private benefactions amounting to \$44.74 were received. This per capita figure has fluctuated considerably during the past 10 years. Starting at \$27.17 in 1939-40, it rose to \$32.82 in 1941-42, and to \$57.88 in 1943-44. It then dropped to \$43.49 in 1945-46 and to \$35.05 in 1947-48, rising to the \$44.74 just mentioned for 1949-50. The unusually high per capita figure reported for 1943-44 is based on an abnormally small civilian enrollment (only 865,666). Using the combined civilian and military enrollment of 1,149,421 (in the non-Federal institutions) receipts of \$50,449,232 from private benefactions come to \$43.89 per student enrolled.

The 1949-50 per capita figure of \$44.74, like other per capita figures, is a national average which does not show the wide variation among States. This range was from nothing in Arizona, Nevada, and Wyoming to \$92.60 in Massachusetts and \$107.47 in Connecticut. Kansas, at \$41.36, was nearest the national median of \$41.50. Quartiles 1 and 3 were \$20.42 and \$56.25, respectively.

PERCENTAGE ANALYSIS OF CURRENT INCOME. — The income of higher educational institutions for educational and general purposes and for noneducational purposes comes from three main types of sources: internal, philanthropic, and public or governmental. Internal sources include student fees for educational and similar purposes, sales and services of instructional departments and related activities, and miscellaneous sources (such as rent of auditoriums and interest on current funds). Philanthropic sources include gifts, grants, donations, etc., from individuals or organizations of a voluntary or nonpublic type; bequests; and other contributions of this type intended for current use (present philanthropy); and earnings of endowment and other non-expendable funds (the outcome of past philanthropy). Public sources include appropriations, tax levies, and other contributions from the United States Government, State governments, and from city, county, district, or other local governments.

When the current educational and general income for 1949-50 is analyzed alongside those for 1939-40 and 1929-30, certain facts develop (table V):

(1) *Internal sources.*—Dependence of higher education on internal sources (student fees, sales and services, and miscellaneous sources)

Table V.—Income for educational and general purposes, institutions of higher education: 1929-30, 1939-40, and 1949-50

Item	1929-30	1939-40	1949-50	
1	2	3	4	5
Number of institutions.....	1, 192	1, 609	1, 851	
AMOUNT				
TOTAL INCOME	\$483, 065, 219	\$571, 288, 116	\$1, 833, 845, 525	\$1, 526, 519, 582
Internal sources	216, 782, 564	245, 056, 283	541, 222, 492	541, 222, 492
Student fees	144, 125, 879	200, 896, 617	394, 609, 813	394, 609, 813
Sales and services..... ²	2	32, 776, 630	111, 986, 772	111, 986, 772
Miscellaneous sources	72, 656, 685	11, 383, 036	34, 625, 907	34, 625, 907
Philanthropic sources	94, 777, 259	111, 757, 087	214, 967, 036	214, 967, 036
Private benefactions	26, 172, 312	40, 452, 846	118, 626, 015	118, 626, 015
Endowment earnings.....	68, 604, 947	71, 304, 241	96, 341, 021	96, 341, 021
Public sources.....	171, 505, 396	214, 474, 746	1, 077, 655, 997	770, 330, 054
Federal Government, for ¹ —				
Veterans' student fees.....	0	0	307, 325, 943	—
Other purposes	20, 658, 430	38, 859, 955	216, 994, 144	216, 994, 144
State governments.....	150, 846, 966	{ 151, 222, 535	491, 635, 702	491, 635, 702
Local governments.....		{ 24, 392, 256	61, 700, 208	61, 700, 208
PERCENT				
TOTAL INCOME	100.0	100.0	100.0	100.0
Internal sources	44.9	42.9	29.5	35.5
Student fees	29.8	35.2	21.5	25.9
Sales and services..... ²	2	5.7	6.1	7.3
Miscellaneous sources	15.1	2.0	1.9	2.3
Philanthropic sources	19.6	19.6	11.7	14.1
Private benefactions	5.4	7.1	6.5	7.8
Endowment earnings.....	14.2	12.5	5.2	6.3
Public sources.....	35.5	37.5	58.8	50.4
Federal Government, for ¹ —				
Veterans' student fees.....	—	—	16.8	—
Other purposes	4.3	6.8	11.8	14.2
State governments.....	31.2	{ 26.5	26.8	32.2
Local governments.....		{ 4.2	3.4	4.0

¹Excluding veterans' student fees.

²Included in Miscellaneous sources.

seems to be decreasing. As the figures stand (table V), these sources yielded 44.9 percent of the 1929-30 total and 42.9 percent of that for 1939-40, but only 29.3 percent of that for 1949-50. These figures, however, do not tell the entire story, particularly in connection with the student fees item. This item includes only receipts from or on be-

half of students not eligible for or not claiming the benefits of the Servicemen's Readjustment Act of 1944 (P. L. 346, 79th Cong., commonly known as the G.I. Bill) and its companion Act (P.L. 16, same Congress).

Collections or accruals from the Federal Government under those acts are reported under the heading of "public sources," below. They amounted to \$307,325,943 in 1949-50, and constituted 16.8 percent of the total educational and general income for that year. If these collections are deducted from the public sources total and added to that of student fees in the internal sources group, the student fees percentage changes from 21.5 to 38.3. The 1949-50 percentage for internal sources likewise changes from 29.5 to 46.3 and that for public sources drops from 58.8 to 42.0.

Sales and services and other miscellaneous sources accounted for 15.1 percent of the total for 1929-30, dropped to 7.7 percent for 1939-40, and increased only slightly, to 8.0 percent for 1949-50. Although it is probably true that some of this irregularity of trend is attributable to changes in accounting procedures during the 20-year interval, it is also quite possible that there has actually been an increasing stress on other sources of income.

(2) *Philanthropy*.—At best a minor source of income, philanthropy appears to be becoming even less important. In both 1929-30 and 1939-40 it yielded just under one-fifth of the total (19.6 percent for each year), but in 1949-50 it dropped to about one-ninth (11.7 percent). And this in spite of the fact that the total amount of philanthropy involved rose from less than \$95 million in 1929-30 to nearly \$215 million in 1949-50. Private benefactions rose from 5.4 percent of the grand total in 1929-30 to 7.1 percent of that for 1939-40, then dropped to 6.5 percent of that for 1949-50. Endowment earnings, which increased 40 percent in amount (\$68,604,947 to \$96,341,021) during the two decades, decreased in comparative importance from 14.2 percent of the 1929-30 total to only 5.2 percent of that for 1949-50.

(3) *Public sources*.—The possibility of differences in interpreting these items has already been mentioned. Nevertheless, even after the sum paid for veterans' tuition and fees by the Federal Government is moved to the student fees item, the Federal contribution still stands at 11.8 percent of the total as compared with 4.3 percent of that for 1929-30 and 6.8 percent of that for 1939-40. It is noticeable, however, that although institutions are dependent on public sources for two-fifths of their income (even when veterans' tuition and fees are disregarded), their comparative dependence on State and local governments, is decreasing slightly. Whereas these sources accounted for 31.2 percent of the educational and general income reported for 1929-30, they yielded only 30.7 percent of the 1939-40 total and only 30.2 percent of that for 1949-50.

When veterans' student fees are omitted from the 1949-50 grand total, decreasing this total to \$1,526,519,582, the trend toward dependence on public sources for support is still evident. Internal sources show a net comparative decrease from 44.9 percent in 1929-30 to 35.5 percent in 1949-50. Philanthropic sources drop from 19.6 percent to 14.1 percent, but with private benefactions on the increase. Public sources show an increase from 35.5 percent in 1929-30 to 50.4 percent (just over half) in 1949-50.

When the 1949-50 income of all institutions (including the U. S. service academies) is tabulated by control of institutions and when these different tabulations are analyzed percentage-wise, certain other facts develop (table VI):

(1) Although only 34.6 percent of the institutions were under public control in 1949-50, they enrolled 51.0 percent of the students, employed 50.6 percent of the staff, and received 52.2 percent of the income for educational and general purposes.

(2) More than one-third (34.2 percent) of the educational and general income of privately controlled institutions was paid in by students as fees for matriculation, tuition, etc.; only one-tenth (10.4 percent) of the corresponding income of publicly controlled institutions was from students. If, however, payment of veterans' tuition and fees by the Federal Government is added to the payment by nonveteran students, these percentages become 55.3 for private and 23.4 for public institutions.

In like manner, for every dollar paid as educational fees by students themselves at public institutions, \$2.86 was paid at private institutions; adding the payments by the Federal Government on behalf of veterans, this ratio became \$1 at public institutions to \$2.06 at those under private control.

(3) For every dollar of endowment earnings received at public institutions, \$9.89 was received at private institutions. Of this \$9.89, nearly all — \$9.76 — was collected by private universities, colleges, and professional schools.

(4) The increasing importance of contributions by the Federal Government to higher education has already been noted. This contribution amounted to more than \$524 million and was divided as follows: 46.9 percent to public institutions and 53.1 percent to those under private control.

Division of this income varied with the control of institutions. Of the \$246 million contributed to publicly controlled institutions, nearly half (48.3 percent) was for general purposes (other than veterans' education). Of the \$278 million contributed to institutions under private control, only a little over one-third (35.3 percent) was for general purposes.

Table VI.—Percentage analysis, current income, institutions of higher education: 1949-50
 [Finance figures in thousands of dollars, i.e., 000 omitted]

Item	All institutions			Publicly controlled institutions			Privately controlled institutions		
	Amount	Percent of—		Amount	Percent of—		Amount	Percent of—	
	2	3	4	5	6	7	8	9	10
I. ALL INSTITUTIONS:									
Educational and general income:			16.6	\$102,163	10.4	8.2	\$292,446	34.2	25.8
Student fees.....	\$394,609	21.5	12.9	127,233	13.0	10.3	180,093	21.1	15.9
Federal Government, for—			9.1	118,837	12.1	9.6	98,167	11.5	8.6
Veterans' student fees.....		16.8	20.7	463,889	47.3	37.4	27,747	3.3	2.4
Other current purposes.....		11.8		60,389	6.2	4.9	1,311	.2	.1
State governments.....	491,636	26.8	2.6	8,845	.9	.7	87,496	10.2	7.7
Local governments.....	61,700	3.4	4.1	19,374	2.0	1.6	99,253	11.6	8.7
Endowment earnings.....	96,341	5.2	5.0	64,291	6.6	5.2	47,697	5.6	4.2
Private benefactions.....	118,627	6.5	4.7	14,693	1.5	1.2	19,932	2.3	1.8
Sales and services.....	111,988	6.1							
Miscellaneous sources.....	34,625	1.9	1.5						
Total educational and general income.....	1,833,846	100.0	77.2	979,704	100.0	79.1	854,142	100.0	75.3
Auxiliary enterprises and activities.....	511,264		21.5	246,794		19.9	264,510		23.3
Noneducational income, for—									
Scholarships, fellowships, prizes.....	16,288		.7	4,904		.4	11,384		1.0
Other noneducational purposes.....	13,247		.6	7,583		.6	5,664		.5
Total current income.....	2,374,645		100.0	1,238,945		100.0	1,135,700		100.0
II. UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS:									
Educational and general income:			16.8	78,981	9.9	7.8	271,978	33.2	25.2
Student fees.....	350,959	21.7	13.2	102,177	12.8	10.1	173,668	21.2	16.1
Federal Government, for—			13.4	117,908	14.8	11.7	98,148	12.0	9.1
Veterans' student fees.....	275,845	17.1	10.4	368,905	46.3	36.5	27,618	3.4	2.6
Other current purposes.....	216,056	13.4	19.0	26,267	3.3	2.6	1,053	.1	.1
State governments.....	396,523	24.5	1.3	8,376	1.1	.8	86,368	10.6	8.0
Local governments.....	27,320	1.7	4.5	19,288	2.4	1.9	93,312	11.4	8.6
Endowment earnings.....	94,744	5.9	5.4	61,707	7.8	6.1	47,098	5.8	4.4
Private benefactions.....	112,600	7.0	5.2	12,603	1.6	1.3	10,254	2.3	1.8
Sales and services.....	108,805	6.7							
Miscellaneous sources.....	31,857	2.0	1.5						
Total educational and general income.....	1,614,709	100.0	77.3	796,212	100.0	78.8	818,497	100.0	75.9

III. TEACHERS COLLEGES:	Auxiliary enterprises and activities.....	447,260		21.4	203,803		20.2	243,457		22.6
	Noneducational income, for—									
	Scholarships, fellowships, prizes.....	15,709		.7	4,510		.4	11,199		1.0
	Other noneducational purposes.....	11,529		.6	6,002		.6	5,527		.5
	Total current income.....	2,089,207		100.0	1,010,527		100.0	1,078,680		100.0
	Educational and general income:									
	Student fees.....	18,806	17.0	12.6	15,988	15.2	11.3	2,818	50.5	37.8
	Federal Government, for—									
	Veterans' student fees.....	15,963	14.4	10.7	14,767	14.0	10.4	1,196	21.4	16.1
	Other current purposes.....	247	.2	.2	243	.2	.2	4	.1	.1
	State governments.....	68,680	62.0	45.9	68,074	65.2	48.4	6	.1	.1
	Local governments.....	2,714	2.4	1.8	2,714	2.6	1.9			
	Endowment earnings.....	390	.4	.2	188	.1	.1	202	3.6	2.7
	Private benefactions.....	1,148	1.0	.8	55	.1	.3	1,093	19.6	14.7
	Sales and services.....	1,914	1.7	1.3	1,775	1.7	1.2	139	2.5	1.9
	Miscellaneous sources.....	1,003	.9	.7	1,882	.8	.6	121	2.2	1.6
	Total educational and general income.....	110,865	100.0	74.2	105,286	100.0	74.1	5,579	100.0	74.9
	Auxiliary enterprises and activities.....	36,928		24.7	35,098		24.7	1,830		24.6
	Noneducational income, for—									
	Scholarships, fellowships, prizes.....	365		.2	327		.3	38		.5
	Other noneducational purposes.....	1,301		.9	1,299		.9	2		.4
	Total current income.....	149,459		100.0	142,010		100.0	7,449		100.0
IV. JUNIOR COLLEGES AND NORMAL SCHOOLS:	Educational and general income:									
	Student fees.....	24,844	23.0	18.3	7,194	9.2	8.3	17,650	58.7	35.6
	Federal Government, for—									
	Veterans' student fees.....	15,518	14.3	11.4	10,289	13.2	11.9	5,229	17.4	10.6
	Other current purposes.....	691	.6	.5	676	.9	.8	15	.3	.3
	State governments.....	26,433	24.4	19.4	26,310	33.6	30.5	123	.4	.2
	Local governments.....	31,666	29.3	23.3	31,408	40.2	36.4	258	.9	.5
	Endowment earnings.....	1,207	1.1	.9	281	.4	.3	926	3.1	1.9
	Private benefactions.....	4,879	4.5	3.6	31	.3	.3	4,848	16.1	9.8
	Sales and services.....	1,269	1.2	1.3	809	1.0	.9	460	1.5	.9
	Miscellaneous sources.....	1,765	1.6	1.3	1,208	1.5	1.4	557	1.9	1.1
	Total educational and general income.....	108,272	100.0	79.6	78,206	100.0	90.5	30,066	100.0	60.6
	Auxiliary enterprises and activities.....	27,076		19.9	7,853		9.1	19,223		38.8
	Noneducational income, for—									
	Scholarships, fellowships, prizes.....	214		.2	67		.1	147		.3
	Other noneducational purposes.....	417		.3	282		.3	135		.3
	Total current income.....	135,979		100.0			100.0	49,571		100.0

1 Based on unrounded figures.

2 More than 0.05 but less than 0.1 of 1 percent.

3 Less than 0.05 of 1 percent.

In 1929-30 privately controlled institutions received 5.2 percent of all Federal funds contributed to higher education; in 1939-40 their share was 6.1 percent; and in 1949-50 they received 45.2 percent of the Federal funds available for general purposes, not counting contributions for tuition of veterans of World War II. If payments of this sort are included, the private institutions' share of the augmented total for 1949-50 becomes 53.1.

(5) In 1929-30 privately controlled institutions received 4.8 percent of all State and local funds going to higher education; in 1939-40 this percent was 4.5; and in 1949-50 it was 5.3.

(6) Private benefactions for current purposes followed the opposite trend: in 1929-30 privately controlled institutions received 92.2 percent of the total; in 1939-40, 87.4 percent; and in 1949-50, 83.7.

(7) Thus it appears that the fading line between control and support of higher education, first remarked on by this Office in 1940, is becoming less and less distinct, with publicly controlled institutions receiving a constantly increasing share of private gifts, and privately controlled institutions receiving an ever-increasing share of public funds.

A comparison of institutions by level or type brings out other differences in sources of income. Public sources accounted for nearly three-fifths (58.8 percent) of the educational and general income of all institutions of higher education for 1949-50. This contribution was highest among teachers colleges, where it reached 79.0 percent, this high percent being a reflection of the fact that 16 out of every 17 (94.1 percent) students in these institutions are in those under public control. Junior colleges and normal schools received 68.6 percent of their income from public sources, and degree-granting universities, colleges, and professional school (exclusive of teachers colleges) received 56.7 percent of their income from these sources.

These figures included payments by the Federal Government for veterans' tuition and fees. Excluding these payments, which under previously normal conditions would have come from students, the percentages for other payments from all public sources would become: all institutions, 42.0; teachers colleges, 64.6; junior colleges and normal schools, 58.6; and universities, colleges, and professional schools, 39.6.

Analysis of the total public contributions by governmental level reveals some striking differences: local governments supplied 29.3 percent of the educational and general income of junior colleges and normal schools, but only 1.7 percent of that of all other institutions as a whole.

There is reason to believe that other elements (size of student body or geographic region, for example) may bear some relation to distribution of income by source. In some localities the publicly controlled

junior colleges charge moderate student fees or none at all; in others the privately controlled institutions of all types receive public appropriations as a matter of tradition. The present report, however, does not include detailed analyses of any of these other elements.

STUDENT FEES. — Income from students for fees (including matriculation, tuition, laboratory, library, health, and other fees, but not room or meal charges) amounted to \$394,609,813 in 1949-50. This represents an increase of \$90,008,855, or 29.5 percent, over the \$304,600,958 reported for 1947-48. It represents an increase of \$193,713,196, or 96.4 percent, over the \$200,896,617 reported for 1939-40, and may be compared with the 78.0 percent increase in student enrollment during the same period.

Of the 1949-50 total for student fees, \$102,163,691, or 25.9 percent, was received by publicly controlled institutions, and \$292,446,122, or 74.1 percent, by institutions under the control of religious and other nongovernmental organizations. Universities, colleges, and professional schools received 88.9 percent of the total; junior colleges and normal schools 6.3 percent; and teachers colleges 4.8 percent.

The figures on student fees just given do not include \$307,325,943 paid by the Federal Government for tuition and fees (not subsistence) of World War II veterans. Of this amount \$127,232,781 was paid in at publicly controlled institutions and \$180,093,162 at those under public control. If these figures are added to the tuition and fees paid by students themselves, the resulting totals of student tuition and fees become: public institutions \$229,396,472, or 32.7 percent, and private institutions \$472,539,284, or 67.3 percent, making a total of \$701,935,756.

PUBLIC SOURCES. — The total amount of contributions by the Federal Government, the several States, and counties, cities, or school districts toward the support of higher education amounted to \$1,077,655,997 in 1949-50. This is 16.3 percent more than the \$926,276,942 reported for 1947-48. It is more than 5 times the \$214,474,746 reported for 1939-40.

Of the \$1,077,655,997 just mentioned, payments by the Federal Government for educational fees (not subsistence) of veterans of World War II amounting to \$307,325,943, or 16.8 percent of the total of educational and general income, have already been noted. Since these payments were conditioned on the rendering of a specific service by higher educational institutions to persons to whom the Government recognized an obligation, they are not a subsidy to higher education in the commonly accepted sense. It is therefore, not surprising to find these payments distributed among the various types of institutions largely on the basis of availability of instruction of various types and for the various professions.

Contributions of the Federal Government for research and other current purposes amounted to \$216,994,144 in 1949-50. This is 34.2 percent more than the \$161,748,355 reported for 1947-48; it is more than $5\frac{1}{2}$ times the corresponding figure (\$38,859,955) for 1939-40. It is, however, less than three-fourths of the \$308,163,199 reported for 1943-44.

Income from State governments increased from \$352,280,249 in 1947-48 to \$491,635,702 in 1949-50. This increase of 39.6 percent was distributed fairly evenly between publicly controlled institutions (39.7 percent) and those under private control (37.5 percent). Percentages of increase from 1939-40 to 1949-50 were: for publicly controlled institutions 223.2, for privately controlled institutions 261.5, and for all higher education 225.1. During the 10-year period enrollments increased as follows: publicly controlled institutions 70.1 percent, privately controlled institutions 86.9 percent, and all institutions 78.0 percent.

Contributions of counties, cities, school districts, and other local governments amounted to \$61,700,208 in 1949-50. This was 3.4 percent of the total educational and general income and 2.6 percent of the total current income of higher education for the year (table VI). The 1949-50 figure represents an increase of \$14,178,837, or 29.8 percent, over the corresponding figure of \$47,521,371 for 1947-48 and an increase of 152.9 percent over the \$24,392,256 reported for 1939-40.

Of the 1949-50 figure just given, \$60,388,070, or 97.9 percent, was received by institutions under public control. This percentage is a little less than the 99.4 percent of the total reported for the corresponding item in 1947-48.

ENDOWMENT EARNINGS. — Earnings of endowment and other non-expendable funds amounted to \$96,341,021 in 1949-50. This represented an increase of \$9,661,856, or 11.1 percent, over the \$86,679,165 reported for 1947-48. Large as this increase was, however, it was not large enough for the item to maintain its relative importance as a source of income; endowment earnings yielded 5.6 percent of the educational and general total for 1947-48, but only 5.2 percent of that for 1949-50. Of the 1949-50 amount, \$8,846,086, or 9.2 percent, was reported by publicly controlled institutions, and \$87,494,935, or 90.8 percent, by institutions under private control. In 1939-40, corresponding figures were: publicly controlled institutions \$6,689,395, or 9.4 percent of the total; privately controlled institutions \$34,614,846, or 90.6 percent of the total.

PRIVATE BENEFACTIONS. — Contributions of individuals, churches, and philanthropic organizations to higher education amounted to \$118,626,015, which was 6.5 percent of the total educational and general income in 1949-50. This represents an increase of \$27,158,943, or 29.7

percent, over the \$91,467,072 reported for 1947-48; it is more than $2\frac{1}{2}$ times the \$45,916,372 reported in 1939-40.

Publicly controlled institutions reported 16.3 percent of the total of private benefactions in 1949-50. In 1947-48 the corresponding percentage was 15.9; in 1945-46 it was 16.4. In 1939-40 it was 12.6 and in 1929-30 it was 8.0. Thus, whereas in 1929-30 less than one-twelfth of all private benefactions went to institutions under public control, in 1949-50 almost one-sixth of the total went to institutions of this description.

The 20-year comparison may be made in another fashion: From 1929-30 to 1949-50 private benefactions to publicly controlled institutions

Table VII.—Estimated value of nonsalaried service, institutions of higher education, 1931-32 to 1949-50

Year ¹	All institutions reporting		Publicly controlled institutions		Privately controlled institutions	
	Number	Amount	Number	Amount	Number	Amount
1	2	3	4	5	6	7
1931-32	141	\$5,102,905	7	\$243,350	134	\$4,859,555
1933-34	160	6,077,877	6	82,800	154	5,995,077
1935-36	170	6,626,715	3	64,574	167	6,562,141
1937-38	198	7,176,944	8	61,763	190	7,115,181
1939-40	187	7,928,519	4	282,908	183	7,645,611
1941-42	192	8,610,378	3	230,194	189	8,380,184
1943-44	159	7,274,767	5	249,481	154	7,025,286
1947-48	217	14,449,199	1	496,375	216	13,952,824
1949-50	264	17,782,365	7	564,668	257	17,217,697
Degree-granting institutions	223	16,791,932	6	564,208	217	16,227,724
Nondegree granting institutions	41	990,433	1	460	40	989,973

¹ Data not collected for 1945-46.

increased from \$1,952,544 to \$19,373,135, the latter figure being 9.9 times the former. To privately controlled institutions they increased from \$22,587,555 to \$99,252,880, the 1949-50 figure being 4.4 times that for 1929-30. For all institutions, regardless of control, the 1949-50 total of more than \$118 million was 4.8 times the approximately \$24,500,000 for 1929-30.

Nonsalaried service. — The total private benefactions of \$118,626,015 reported for 1949-50 included cash or tangible property amounting to \$100,843,650 and nonsalaried service valued at \$17,782,365 (table VII). This was 15.0 percent of the total of private benefactions.

This type of service is most common at institutions maintained by the various orders of the Roman Catholic Church. It is found, however, at some Protestant and nondenominational institutions, as well as at some under public control. Among the Roman Catholic institutions it is usually on a permanent, full-time basis. At the publicly con-

trolled institutions it usually takes the form of temporary, part-time service as lecturer or instructor in a highly specialized professional school (medicine, law, accounting, etc.). The importance of this form of service has long been recognized by educational officials, some institutions deriving the greater majority of their personnel service in this way. In 1931-32, when the Office of Education made its first Nationwide collection of data on this point, the total estimated value of non-salaried service was a little over \$5,100,000. Since that time it has risen to the nearly \$18,000,000 reported for 1949-50. While this service has not been analyzed by religious control of institution for some years, there is good reason to believe that at least 90 percent of it is to be found at the institutions operated by orders of the Roman Catholic faith.

SALES AND SERVICES. — Sales and services of instructional departments and of organized activities related to them are frequently referred to briefly as Sales and Services. The term includes all the incidental earnings of an institution, such as sales of livestock or dairy products of an agricultural school, charges for transcripts of credits from the registrar's office, income of a laboratory school, demonstration school, museum, etc. The item is a comparatively new one in higher education accounting. Its first appearance in a report of this Office was in 1931-32. Prior to that time, income belonging under this heading was classified under the heading "Miscellaneous Receipts From All Other Sources."

The total 1949-50 income from sales and services amounted to \$111,986,772 and accounted for 6.1 percent of the total educational and general income of the 1,851 institutions under review. The amount reported for the institutions under public control was \$64,290,190, or 6.6 percent of the educational and general total for those institutions: for the privately controlled group the total was \$47,696,582 and the percent was 5.6. The total for all institutions represents an increase of 20.8 percent over the corresponding figure of \$29,725,064 reported for 1947-48. This type of income is not to be confused with income of auxiliary enterprises and activities, to be discussed later.

MISCELLANEOUS INCOME. — The miscellaneous income account of an institution of higher education includes that income which is either so incidental in its nature, so irregular in its frequency, or so minor in its amount as to make its classification difficult or impractical. The most common sources are probably interest on current funds (not interest on funds which are regularly or usually invested) and rent of institutional property for noninstitutional purposes (as, for example, the rent of a college dormitory or auditorium for a conference on religious, social, or other matters not specifically included in the institution's instructional program).

This miscellaneous income amounted to \$34,625,907 in 1949-50. This is 4.7 percent less than the 1947-48 figure of \$36,326,456. Whether this decrease represents an actual reduction of expenditures of this type, or merely an improvement in accounting procedures is not determinable from the data at hand. The total of miscellaneous income for 1949-50 (just under \$35,000,000) represented 1.9 percent of the total educational and general income for that year (table VI).

TOTAL EDUCATIONAL AND GENERAL INCOME. — The \$1,833,845,525 reported as income for educational and general purposes amounted to 77.2 percent of the total current income for 1949-50, which came to \$2,374,644,948. Among publicly controlled institutions this percentage was 79.1; among those under private control it was 75.2.

Auxiliary Enterprises and Activities

The auxiliary enterprises and activities of an institution include those activities which are important to its program but not absolutely indispensable to that program and which are usually, although not necessarily, speculative or quasi-commercial. In many instances these enterprises offer services to the noncollege public of their respective communities when they can do so without impairing their usefulness to the college community and when they do not compete with the regular business activities of the noncollege community in which they are located. Residence and dining hall accommodations, college bookstores, industrial plants (woodworking, printing, etc.) are examples of this type of activity. Intercollegiate athletics and concert courses also fall within this category. Careful distinction should be made between this source of income (an auxiliary or ancillary activity) and sales and services (an auxiliary or incidental income of a basic, educational activity).

Total income for this auxiliary enterprises and activities group came to \$511,264,276, which exceeded the 1947-48 total of \$465,154,152 by 9.9 percent.

Other Noneducational Income

The National Committee on Standard Reports for Institutions of Higher Education defines other noneducational income as "items other than auxiliary enterprises and activities which do not relate to the educational work of the institution." Examples as listed by the National Committee are: (1) scholarships, fellowships, prizes, and other student aid; (2) annuities; (3) financial campaigns and promotion; and (4) interest on loans.

The total amount of this noneducational income in 1949-50, as reported by the 1,851 institutions, was \$29,535,147, or 1.3 percent of the total current income of these institutions. Of this amount \$16,288,065, or 0.7 percent of the total, was to be used for scholarships, fellowships,

prizes, and other forms of student aid; the remaining \$13,247,082 (0.6 percent of the total) was for other noneducational purposes.

Plant Fund Receipts

In 1949-50 a total of \$528,747,718 was received by institutions of higher education for the purpose of purchasing new sites, construction or major remodeling of buildings, purchase of equipment, and other items tending to increase the physical plant. Of this amount \$399,989,594, or 75.6 percent, was received by publicly controlled institutions, and

Table VIII.—Plant fund receipts, non-Federal institutions of higher education, by region: 1939-40 and 1949-50
[Financial data in thousands of dollars, i.e., 000 omitted]

Region	1939-40	1949-50	
		Amount	Percent ¹ of 1939-40
1	2	3	4
Continental United States	\$62,703	\$528,748	843.3
New England	5,377	27,622	513.7
Middle Atlantic	5,535	57,643	1,041.4
East North Central	13,824	107,598	778.3
West North Central	6,449	45,480	705.2
South Atlantic	14,331	65,950	460.2
East South Central	1,891	20,278	1,072.3
West South Central	5,314	76,868	1,446.5
Mountain	3,243	20,400	629.0
Pacific	6,739	106,909	1,586.4

¹ Calculated from rounded figures.

\$128,758,124, or 24.4 percent, by those under private control. Corresponding percentages for 1947-48 were 68.0 percent public and 32.0 percent private.

Analysis of the total of \$528,747,718, by source, shows that \$12,358,446, or 2.3 percent, came from the Federal Government; \$283,919,642, or 53.7 percent, from State governments; and \$19,372,958, or 3.7 percent, from local governments. Thus, nearly 60 percent came from governmental sources. Churches contributed \$8,087,961, or 1.5 percent; foundations and corporations \$22,741,366, or 4.3 percent; and individuals \$41,790,781, or 7.9 percent. Private philanthropy, either individual or functioning through organizations of one type or another, contributed 13.7 percent of the total. Of the remaining 26.6 percent, \$60,582,023, or 11.5 percent, came by interfund transfers, and \$79,894,541 or 15.1 percent, came from miscellaneous sources.

The 1949-50 total of \$528,747,718 is 44.9 percent more than the \$364,901,512 reported for 1947-48; it is nearly 8½ times the 1939-40 figure (table VIII). In the Pacific States the 1949-50 figure is nearly

16 times that for 1939-40. In other regions the difference between the two figures is not so great, but in only one (the South Atlantic region) is the 1949-50 total less than 5 times that for 1939-40.

Receipts for Nonexpendable Funds

Total receipts from various sources intended for increase of permanent or nonexpendable funds amounted to \$116,932,741. Of this sum, \$66,849,876 was in the form of private benefactions; the remaining \$50,082,865 was reported under the head of "other sources."

Private benefactions were used to increase three main groups of funds, endowment (all types) receiving \$62,828,856. Annuity funds were increased by \$2,472,324 and student loan funds by \$1,548,696.

Other sources accounted for additions to endowment funds (\$35,717,158), funds subject to annuity agreements (\$681,267), student loan funds (\$679,754), and other nonexpendable funds (\$13,004,686).

When the grand total of \$98,546,014 receipts from all sources to increase endowment is compared with the 1939-40 total of \$38,331,705 for the same purpose, the tremendous increase is obvious. Less of an increase in annuity funds is noted: from \$2,261,319 in 1939-40 to \$3,153,591 in 1949-50. In like manner, student loan fund gifts amounted to \$990,806 in 1939-40 and \$2,228,450 in 1949-50; and gifts to increase miscellaneous nonexpendable funds, which amounted to \$2,391,564 in 1939-40, totaled \$13,004,686 in 1949-50.

Expenditures

Grand Total of Expenditures

A total of \$2,245,660,484 was spent for current purposes by the 1,851 institutions of higher education in 1949-50. Adding to this total the \$418,528,320 spent for expansion of the physical plant brings the total amount of money passing through the hands of college business officers during the year to \$2,664,188,804. This represents an increase of \$474,548,291, or 21.7 percent, over the corresponding total for 1947-48.

Of the current fund expenditures of nearly $2\frac{1}{4}$ billion dollars in 1949-50, 51.4 percent was spent by institutions under public control and 48.6 percent by those under private control. Of the total of educational and general expenditures 52.6 percent was expended by publicly controlled institutions and 47.4 percent by those under private control.

Educational and General Expenditures

When the educational and general expenditures of higher education for the past 10 years are analyzed by geographic regions (table IX), an increase is discernible in every region for every biennial period compared. The total for 1949-50 is more than $3\frac{1}{4}$ times that for 1939-40, reaching nearly $4\frac{3}{4}$ times the 1939-40 total in the Pacific States (Calif-

fornia, Oregon, and Washington). In no region is it less than $2\frac{1}{2}$ times the 1939-40 figure.

Current Expenditures and Personal Income

Among the various measures of interest in higher education among the several States and regions, one of the simplest is the relation of expenditures for higher education to total income. This measure is subject to some misinterpretation, but on the whole it provides an approach

Table IX.—Expenditures for educational and general purposes, non-Federal institutions of higher education, by region; 1939-40 and 1943-44 to 1949-50

Region	1939-40	1943-44	1945-46 ¹	1947-48	1949-50	
					Amount	Percent of 1939-40
1	2	3	4	5	6	7
Continental United States.....	\$517, 043, 169	\$656, 801, 819	\$819, 168, 596	\$1, 377, 918, 893	\$1, 692, 858, 228	327. 4
New England.....	52, 748, 223	59, 532, 468	80, 525, 346	126, 825, 758	13, 9918, 307	265. 3
Middle Atlantic.....	112, 017, 556	131, 056, 497	170, 338, 852	280, 444, 663	32, 9349, 801	294. 0
East North Central.....	107, 021, 860	141, 532, 907	170, 212, 570	297, 864, 781	35, 9903, 023	336. 3
West North Central.....	56, 937, 636	66, 813, 728	81, 715, 669	133, 559, 464	16, 7840, 266	294. 8
South Atlantic.....	57, 679, 220	78, 489, 495	101, 226, 631	158, 436, 536	19, 7962, 962	343. 2
East South Central.....	26, 807, 053	32, 648, 436	40, 354, 390	67, 157, 641	8, 4385, 783	314. 8
West South Central.....	39, 271, 203	45, 905, 782	64, 298, 566	99, 582, 778	12, 9690, 763	330. 2
Mountain.....	18, 528, 315	22, 671, 699	28, 973, 036	52, 300, 983	6, 6466, 013	358. 7
Pacific.....	46, 032, 103	78, 150, 807	81, 503, 536	161, 746, 289	21, 7341, 310	472. 2

¹All figures adjusted to include estimates for institutions not reporting.

to the general problem. In the accompanying table X, the total individual income in each State for 1949 has been added to that for 1950 and an average taken, to provide an estimated figure for a period coinciding fairly closely with the academic year 1949-50. The total of personal income tax paid to the Federal Government has also been taken into account. The total current expenditures for higher education are then compared, first with the total individual income, and then with the total less income tax payments.

For the United States as a whole, it appears that 1.08 percent of the total income of the Nation was devoted to higher education. This percent varied from .55 of 1 percent in New Jersey to 1.95 percent in Vermont, with Nebraska and Idaho (1.14 percent each) nearest the median, which was 1.13 (col. 5 of table X). When personal income tax payments are deducted from individual income, it appears that 1.17 percent of the net individual income was devoted to higher education. Vermont again heads the list, together with the District of Columbia at 2.19 percent. New Jersey's .55 of 1 percent of total income becomes

Table X.—Percent of personal income devoted to higher education,¹ by region and State: 1949-50

State, by region	Individual income, 1949-50		Current expenditures for higher education, 1949-50		
	Total ²	Total, ² less personal income tax collected	Amount ²	Percent of individual income, 1949-50	
				Total	Total, less personal income tax collected
1	2	3	4	5	6
Continental United States	\$206, 687	\$189, 597	\$2, 227, 647	1. 08	1. 17
New England	13, 861	12, 729	188, 264	1. 36	1. 48
Maine	1, 035	981	9, 411	.91	.96
New Hampshire	658	619	10, 536	1.60	1.70
Vermont	428	407	8, 356	1.95	2.05
Massachusetts	7, 197	6, 584	113, 671	1.58	1.73
Rhode Island	1, 168	1, 073	12, 225	1.05	1.14
Connecticut	3, 375	3, 065	34, 065	1.01	1.11
Middle Atlantic	49, 733	44, 817	416, 712	. 83	. 93
New York	26, 705	23, 610	245, 216	.92	1.04
New Jersey	7, 848	7, 278	43, 169	.55	.59
Pennsylvania	15, 180	13, 929	128, 327	.85	.92
East North Central	46, 298	42, 249	473, 675	1. 02	1. 12
Ohio	11, 970	10, 948	94, 770	.79	.87
Indiana	5, 415	5, 086	69, 379	1.28	1.36
Illinois	14, 682	13, 206	163, 109	1.11	1.24
Michigan	9, 532	8, 632	98, 369	1.03	1.14
Wisconsin	4, 699	4, 377	48, 048	1.02	1.10
West North Central	18, 437	17, 061	224, 122	1. 22	1. 32
Minnesota	3, 816	3, 518	53, 948	1.41	1.53
Iowa	3, 532	3, 319	49, 999	1.42	1.51
Missouri	5, 294	4, 803	51, 362	.97	1.07
North Dakota	756	717	8, 301	1.10	1.16
South Dakota	797	758	8, 613	1.08	1.14
Nebraska	1, 814	1, 683	20, 639	1.14	1.23
Kansas	2, 428	2, 263	32, 260	1.33	1.43
South Atlantic	22, 779	21, 080	268, 929	1. 18	1. 28
Delaware	570	451	3, 309	.58	.78
Maryland	3, 455	3, 018	39, 589	1.15	1.31
Virginia	3, 641	3, 438	40, 394	1.11	1.17
West Virginia	2, 021	1, 920	18, 070	.89	.94
North Carolina	3, 616	3, 425	51, 433	1.42	1.50
South Carolina	1, 672	1, 596	21, 426	1.28	1.34
Georgia	3, 141	2, 964	33, 282	1.06	1.12
Florida	3, 154	2, 950	32, 535	1.03	1.10
District of Columbia	1, 509	1, 318	28, 891	1.91	2.19
East South Central	9, 441	8, 954	118, 131	1. 25	1. 32
Kentucky	2, 582	2, 439	27, 257	1.06	1.12
Tennessee	3, 005	2, 838	39, 712	1.32	1.40
Alabama	2, 433	2, 308	29, 737	1.22	1.29
Mississippi	1, 421	1, 369	21, 425	1.51	1.57
West South Central	16, 077	14, 987	182, 615	1. 14	1. 22
Arkansas	1, 502	1, 443	17, 712	1.18	1.23
Louisiana	2, 727	2, 559	35, 149	1.29	1.37
Oklahoma	2, 337	2, 170	33, 844	1.45	1.56
Texas	9, 511	8, 815	95, 910	1.01	1.09
Mountain	6, 529	6, 119	89, 879	1. 38	1. 47
Montana	871	823	7, 991	.92	.97
Idaho	731	687	8, 315	1.14	1.36
Wyoming	423	398	5, 095	1.20	1.28
Colorado	1, 775	1, 641	31, 109	1.75	1.90
New Mexico	719	678	10, 923	1.52	1.61
Arizona	881	831	9, 379	1.06	1.13
Utah	846	802	14, 808	1.75	1.85
Nevada	283	259	2, 259	.80	.87
Pacific	23, 532	21, 601	264, 320	1. 12	1. 22
Washington	3, 700	3, 434	40, 103	1.08	1.17
Oregon	2, 195	2, 035	20, 350	.93	1.00
California	17, 637	16, 132	203, 867	1.16	1.26

¹ Not including U. S. service academies.

² In millions of dollars, i.e., 000,000 omitted.

³ In thousands of dollars, i.e., 000 omitted.

.59 of 1 percent of net income. Nebraska and Arkansas (1.23 each) are nearest the national median of 1.21 percent; Virginia and Washington are just at the national average of 1.17 percent.

Percentage Analysis of Current Expenditures

Table XI presents analyses of three types of current expenditure: educational and general, campus only; all educational and general; and all current expenditures.

ADMINISTRATION AND GENERAL EXPENSE. — Administrative expenses amounted to \$213,069,973 in 1949-50. They constituted 15.3 percent of the educational and general total (campus activities only), 12.5 percent of the entire educational and general group, and 9.5 percent of all current expenditures. These percentages ran considerably higher among privately controlled institutions than among those under public control. Analyses by type, however, show irregular tendencies, suggesting that administrative costs are not influenced so much by type or control of institutions as by size of student body or other factors not measured in these figures.

RESIDENT INSTRUCTION. — The regular classroom instruction and laboratory work of institutions of higher education cost a total of \$780,993,860 in 1949-50. This was 56.0 percent of the educational and general campus costs and 45.7 percent of the total of all educational and general costs. The fact that actual instructional activities accounted for less than half of the educational and general costs is not surprising when it is recalled that the modern institution of higher education carries on a broad and ramified program, including not only the transmission of knowledge (instruction), but also the preservation of knowledge (libraries), the extension of the bounds of human knowledge (research), the implementation of knowledge through service to the community (related activities), and the carrying of the instructional and service community to off-campus areas (extension).

LIBRARIES. — The maintaining of libraries, including the salaries of librarians and their aides, the purchase of books and supplies, binding of periodicals, and similar items (not including the operation and maintenance of library buildings) cost a total of \$56,146,869. This amount was 4.0 percent of the campus costs, 3.3 percent of all educational and general costs, and 2.5 percent of all current expenses. This item ran a bit higher among teacher-preparation institutions than among the university, college, professional school, and junior college groups. In the junior college group it was only 2.4 percent of educational and general costs, both campus and total, and 1.9 percent of all current costs.

PLANT OPERATION AND MAINTENANCE. — Wages of janitors and other caretakers, cost of fuel, light, trucking of materials about the campuses, repairs to buildings, and other costs associated with the keeping of the

physical plant in operation involved a total expenditure of \$225,109,766. In comparison with the total of all expenditures, this was slightly higher among privately controlled institutions than among those under public control. It also constituted a higher percentage of the total among junior colleges and teacher-preparation institutions than among the universities, colleges, and professional schools.

RELATED ACTIVITIES. — The conducting of museums, practice or demonstration schools, and other activities, not integral parts of the instructional program but closely connected with it, entailed a total expenditure of \$119,108,917 and constituted 8.5, 7.0, and 5.3 percent, respectively, of the three groups of expenditures listed above. Of the total just quoted, universities, colleges, and professional schools spent \$115,130,723, teachers colleges spent \$2,586,827, and junior colleges and normal schools spent \$1,391,367.

TOTAL EDUCATIONAL AND GENERAL, CAMPUS. — A total of \$1,394,429,385 was spent by higher educational institutions for the campus activities of an educational and general nature. This was 81.7 percent of the total educational and general costs, and 62.1 percent of the total current costs. Of the \$1,394,429,385 just mentioned, \$1,197,051,253 was spent by the universities, colleges, and professional schools, \$99,084,815 was spent by teachers colleges, and the remaining \$98,293,317 by junior colleges and normal schools.

ORGANIZED RESEARCH. — The research programs connected with higher education which were so organized that they could be identified and accounted for in institutional budgets, cost \$225,341,370. This represents an increase of more than 40 percent over the 1947-48 expenditure of \$159,090,200. The 1949-50 figure was 11.4 percent of all educational and general costs, and 8.5 percent of all current costs, for that year. Of the total of more than 225 million dollars, just quoted, \$59,130 was spent at teachers colleges and \$31,284 at junior colleges and normal schools. The remaining \$225,250,956 was used at universities, colleges, and professional schools.

EXTENSION. — Extension, including both formal and informal instruction of a noncurricular or noncampus character, involved a total expenditure of \$86,673,663 during the school year under review. Of this total amount, 97.2 percent was spent by universities, colleges, and professional schools. A total of \$2,462,891 was spent for this activity by junior colleges and normal schools (\$565,188) and teachers colleges (\$1,897,703) combined; this constituted 2.8 percent of the national total.

TOTAL EDUCATIONAL AND GENERAL EXPENDITURES. — The grand total of all educational expenditures for 1949-50 was \$1,706,444,418. This was 76.9 percent of the total current expenditures for the year. The corresponding percentage for 1947-48 was 73.0; that for 1945-46 was 70.3.

Table XI.—Percentage analysis, current expenditures: 1949-50
 (Finance figures in thousands of dollars, i.e., 000 omitted)

Item	ALL INSTITUTIONS					PUBLICLY CONTROLLED INSTITUTIONS					PRIVATELY CONTROLLED INSTITUTIONS				
	Amount	Percent of—				Amount	Percent of—				Amount	Percent of—			
		Educational and general expenditures		Total current expenditures	Educational and general expenditures		Total current expenditures	Educational and general expenditures		Total current expenditures					
		Total, except research and extension	Total		Total, except research and extension			Total	Total, except research and extension			Total			
1	2	3	4	5	6	7	8	9	10	11	12	13			
I. ALL INSTITUTIONS															
Educational and general:															
Administration and general expense	\$213,070	15.3	12.5	9.5	\$ 83,484	11.8	9.3	7.2	\$129,586	18.9	16.0	11.9			
Resident instruction	780,994	56.0	45.7	34.8	415,424	58.7	46.3	36.0	365,570	53.2	45.2	33.5			
Libraries	56,147	4.0	3.3	2.5	27,219	3.9	3.0	2.4	28,928	4.2	3.6	2.6			
Plant operation and maintenance	225,110	16.2	13.2	10.0	112,778	15.9	12.6	9.8	112,332	16.3	13.9	10.3			
Related activities	119,109	8.5	7.0	5.3	68,548	9.7	7.6	5.9	50,561	7.4	6.3	4.6			
Subtotal	1,394,430	100.0	81.7	62.1	707,453	100.0	78.8	61.3	686,977	100.0	85.0	62.9			
Organized research	225,341		13.2	10.0	115,624		12.9	10.0	109,717		13.6	10.0			
Extension	86,674		5.1	3.9	74,978		8.3	6.5	11,696		1.4	1.1			
Total educational and general	1,706,445		100.0	76.0	898,055		100.0	77.8	808,390		100.0	74.0			
Auxiliary enterprises and activities	476,400			21.2	235,512			20.4	240,888			22.1			
Other noneducational expenditures	62,815			2.8	19,961			1.8	42,854			3.9			
Total current expenditures	2,245,660			100.0	1,153,528			100.0	1,092,132			100.0			
II. UNIVERSITIES, COLLEGES, AND PROFESSIONAL SCHOOLS															
Educational and general:															
Administration and general expense	185,071	15.5	12.3	9.3	64,066	11.7	8.7	6.7	121,005	18.6	15.7	11.7			
Resident instruction	659,342	55.1	43.8	33.2	311,402	57.1	42.4	32.9	347,940	53.4	45.0	33.5			
Libraries	49,645	4.1	3.3	2.5	21,742	4.0	3.0	2.3	27,903	4.3	3.6	2.7			
Plant operation and maintenance	187,863	15.7	12.5	9.5	83,118	15.2	11.3	8.8	104,745	16.0	13.5	10.1			
Related activities	115,131	9.6	7.6	5.8	65,183	12.0	8.9	6.9	49,948	7.7	6.5	4.8			
Subtotal	1,197,052	100.0	79.5	60.3	545,511	100.0	74.3	57.6	651,541	100.0	84.3	62.8			
Organized research	225,251		14.9	11.4	115,603		15.8	12.2	109,648		14.2	10.5			
Extension	84,211		5.6	4.2	72,945		9.9	7.7	11,266		1.5	1.1			
Total educational and general	1,506,514		100.0	75.9	734,059		100.0	77.5	772,455		100.0	74.4			

Auxiliary enterprises and activities.....	420,173	21.2	196,113			20.7	224,060		21.6
Other noneducational expenditures.....	58,410	2.9	16,856			1.8	41,554		4.0
Total current expenditures.....	1,985,097	100.0	947,028			100.0	1,038,069		100.0
III. TEACHERS COLLEGES									
Educational and general:									
Administration and general expense.....	13,238	13.4	12,216	13.0	12.8	9.5	1,022	19.8	19.5
Resident instruction.....	59,486	60.0	56,871	60.5	59.4	44.0	2,615	50.7	49.8
Libraries.....	4,174	4.2	3,955	4.2	4.1	3.1	219	4.2	4.2
Plant operation and maintenance.....	19,600	19.8	18,462	19.7	19.3	14.3	1,138	22.1	21.7
Related activities.....	2,587	2.6	2,422	2.6	2.5	1.9	165	3.2	3.1
Subtotal.....	99,085	100.0	93,926	100.0	98.1	72.8	5,159	100.0	98.3
Organized research.....	59		14				45		.9
Extension.....	1,898	1.9	1,854		1.9	1.4	44		.8
Total educational and general.....	101,042	100.0	95,794		100.0	74.2	5,248		100.0
Auxiliary enterprises and activities.....	32,853	74.2	31,195			24.1	1,658		75.0
Other noneducational expenditures.....	2,229	1.7	2,141			1.7	88		1.3
Total current expenditures.....	136,124	100.0	129,130			100.0	6,994		100.0
IV. JUNIOR COLLEGES AND NORMAL SCHOOLS									
Educational and general:									
Administration and general expense.....	14,761	15.0	7,202	10.6	10.6	9.3	7,559	25.0	24.6
Resident instruction.....	62,166	63.2	47,151	69.3	69.1	60.9	15,015	49.6	48.9
Libraries.....	2,328	2.4	1,522	2.2	2.2	2.0	806	2.6	2.6
Plant operation and maintenance.....	17,647	18.0	11,198	16.5	16.4	14.5	6,449	21.3	21.0
Related activities.....	1,391	1.4	943	1.4	1.4	1.2	448	1.5	1.5
Subtotal.....	98,293	100.0	68,016	100.0	99.7	87.9	30,277	100.0	98.7
Organized research.....	31		7				24		.1
Extension.....	565	.6	179		.3	.2	386		1.3
Total educational and general.....	98,889	100.0	68,202		100.0	88.1	30,687		100.0
Auxiliary enterprises and activities.....	23,374	79.5	8,204			10.6	15,170		65.2
Other noneducational expenditures.....	2,176	18.8	964			1.3	1,212		32.2
Total current expenditures.....	124,439	100.0	77,370			100.0	47,069		100.0

1 Calculated from unrounded figures.

2 More than 0.05 of 1 percent, but less than .1 of 1 percent

3 Less than 0.05 of 1 percent.

AUXILIARY ENTERPRISES AND ACTIVITIES. — The auxiliary enterprise and activity group of expenditures totaled \$476,400,403, which was 21.2 percent of the total current expenditures for 1949-50. The corresponding amount for 1947-48 was \$438,988,490, and the corresponding percentage was 23.3.

OTHER NONEDUCATIONAL EXPENDITURES. — Expenditures for scholarships, fellowships, prizes, student solicitation campaigns, interest on indebtedness (not including repayment of principal), payment to beneficiaries of annuity funds, and other activities not of an educational

Table XII.—Plant fund expenditures, institutions of higher education, by control and type of institution: 1949-50

(Financial data in thousands of dollars, i.e., 000 omitted)

Type of institution	Total	Publicly controlled institutions	Privately controlled institutions
1	2	3	4
AMOUNT			
All institutions.....	\$416, 831	\$276, 071	\$140, 760
Universities, colleges, and professional schools ¹	358, 260	223, 549	134, 711
Teachers colleges.....	33, 327	32, 370	957
Junior colleges and normal schools.....	25, 244	20, 152	5, 092
PERCENT ²			
All institutions.....	100. 0	66. 2	33. 8
Universities, colleges, and professional schools ¹	85. 9	53. 6	32. 3
Teachers colleges.....	8. 0	7. 8	. 2
Junior colleges and normal schools.....	6. 1	4. 8	1. 3

¹Except teachers colleges and normal schools.

²Calculated from rounded figures.

nature involved the expenditure of \$62,815,663 in 1949-50. This was 2.8 percent of the total of current expenditures for all institutions. This percentage ran higher among publicly controlled institutions than among those under private control and was noticeably higher among universities, colleges, and professional schools than in the other groups. The 1949-50 figure is 19.2 percent more than the \$52,687,300 reported for this group of expenditures for 1947-48.

Plant Fund Expenditures

A total of \$416,831,001 was spent on increasing the physical property of institutions of higher education in 1949-50. This included the purchase of additional ground for educational or auxiliary purposes; the purchase, construction, and remodeling of buildings; the purchase of new equipment; and other items of this nature. This figure is the highest of its kind on record at the Office of Education; it is almost exactly 5 times the \$83,764,961 reported for 1939-40. Institutions under

public control utilized 66.2 percent of this figure; the remaining 33.8 percent was spent at institutions under private control. Universities, colleges, and professional schools spent 85.9 percent of the total (table XII); teachers colleges used 8.0 percent; junior colleges and normal schools, 6.1 percent.

Fund and Plant Values

Plant and Plant Funds

The total value of physical property and plant funds held by the 1,851 institutions of higher education in continental United States in 1950 was more than five and one-fourth billion dollars, the reported

Table XIII.—Value, physical plant and plant funds, institutions of higher education, by control and type of institution: 1950

[Financial data in thousands of dollars, i.e., 000 omitted]

Type of institution	Total	Publicly controlled institutions	Privately controlled institutions
1	2	3	4
AMOUNT			
All institutions.....	\$5,272,590	\$2,886,409	\$2,386,181
Universities, colleges, and professional schools ¹	4,547,679	2,276,407	2,271,272
Teachers colleges.....	466,919	452,025	14,894
Junior colleges and normal schools.....	257,992	157,977	100,015
PERCENT ²			
All institutions.....	100.0	54.7	45.3
Universities, colleges, and professional schools ¹	86.2	43.1	43.1
Teachers colleges.....	8.9	8.6	.3
Junior colleges and normal schools.....	4.9	3.0	1.9

¹Except teachers colleges and normal schools.

²Calculated from rounded numbers.

figure being \$5,272,590,296. Of this sum, \$4,799,964,494 was invested in physical plant (grounds, buildings, improvements, furniture, and equipment) and the remaining \$472,625,802 was in the form of funds set aside but not yet utilized for expansion of the physical plant. Of the total of more than five and one-fourth billion dollars, 54.7 percent was held by publicly controlled institutions and 45.3 percent by those under private control. More than six-sevenths (86.2 percent) of it was held by universities, colleges, and professional schools, the remaining 13.8 percent being held by teachers colleges (8.9) and junior colleges and normal schools (4.9). These figures are considered to be somewhat short of the actual amounts invested in plant. Certain institutions, especially those occupying a plant jointly with other organizations

(Y.M.C.A.'s, high schools, hospitals, etc.) have difficulty in allocating their plant values equitably.

Endowment and Other Nonexpendable Funds

Endowment and other nonexpendable funds, including annuity funds, funds temporarily functioning as endowment, and student loan funds, totaled \$2,644,322,642 in 1950 (table XIV) which is 5.9 percent more

Table XIV.—Endowment and other nonexpendable funds,¹ institutions of higher education, by control and type of institution: 1950
[Financial data in thousands of dollars, i.e., 000 omitted]

Type of institution	Total	Publicly controlled institutions	Privately controlled institutions
1	2	3	4
AMOUNT ¹			
All institutions.....	\$2,644,323	\$413,658	\$2,230,665
Universities, colleges, and professional schools ²	2,607,670	403,389	2,204,281
Teachers colleges.....	11,160	4,987	6,173
Junior colleges and normal schools.....	25,493	5,282	20,211
PERCENT ³			
All institutions.....	100.0	15.6	84.4
Universities, colleges, and professional schools ²	98.6	15.2	83.4
Teachers colleges.....	.4	.2	.2
Junior colleges and normal schools.....	1.0	.2	.8

¹Including annuity funds and student loan funds.

²Except teachers colleges and normal schools.

³Calculated from rounded numbers.

than the \$2,497,726,446 reported for 1948 and almost exactly 50 percent more than the \$1,764,603,755 reported for 1940.

Endowment funds (including endowment proper, funds functioning as endowment, and annuity funds) totaled \$2,601,222,994 in 1950. This was 6.0 percent more than the \$2,453,536,644 reported for 1948. Student loan funds dropped from \$44,189,802 in 1948 to \$43,099,648 in 1950. This decrease of \$1,090,154, or 2.5 percent is of special interest when it is recalled that receipts specifically designated for increase of student loan funds totaled \$684,180 during the year in question.

Of the 1950 total of all permanent and quasi-permanent funds, 83.4 percent was held by privately controlled universities, colleges, and professional schools. Privately controlled teachers colleges, junior colleges, and normal schools held another 1.0 percent, so that 84.4 percent of the entire amount was in the possession of institutions under private control.

Table 1.—Historical summary of higher education: 1889-90 to 1949-50

Item	1889-90	1899-1900	1909-10	1919-20	1929-30	1939-40	1941-42	1943-44	1945-46	1947-48	1949-50
1											
STAFF ¹											
Total.....	2	3	4	5	6	7	8	9	10	11	12
Men.....	15,809	23,868	36,480	48,615	82,386	131,152	134,137	134,451	136,032	196,300	210,349
Women.....	12,704	19,151	29,132	35,807	60,017	94,536	93,251	96,794	93,876	143,243	157,691
	3,105	4,717	7,348	12,808	22,369	37,016	37,886	40,657	42,156	53,057	52,658
RESIDENT COLLEGE ENROLLMENT ²											
Total.....	156,756	237,592	335,213	597,880	1,100,737	1,494,203	1,403,990	1,155,272	1,676,851	2,616,262	2,659,021
Men.....	100,453	152,254	214,648	314,938	619,955	893,250	818,559	578,948	927,602	1,836,339	1,853,068
Women.....	56,303	85,338	140,565	282,942	480,802	600,953	585,431	576,324	749,189	779,923	805,953
DEGREES											
Bachelor's, including first professional:											
Total.....	15,539	27,410	37,199	48,622	122,484	186,500	185,346	125,803	136,174	271,019	432,658
Men.....	12,857	22,173	28,762	31,980	73,615	109,546	103,889	55,865	58,604	175,456	328,841
Women.....	2,682	5,237	8,437	16,642	48,869	76,954	81,457	69,938	77,510	95,563	103,217
Master's or second professional:											
Total.....	1,009	1,583	3,771	4,301	15,043	26,731	24,648	13,414	19,209	42,400	58,183
Men.....	816	1,280	3,091	3,005	8,997	16,508	14,179	5,711	9,484	28,899	41,220
Women.....	193	303	680	1,296	6,046	10,223	10,469	7,703	9,725	13,501	16,963
Doctor's:											
Total.....	126	369	420	4564	2,216	3,290	3,497	2,305	1,966	4,188	6,633
Men.....	119	348	376	471	1,870	2,861	3,036	1,880	1,580	3,687	5,990
Women.....	7	21	44	93	346	429	461	425	386	501	643
FINANCES ³											
Educational and general income:											
Educational and general expenditures.....	\$21,464	\$ 35,084	\$ 76,053	\$172,929	\$ 483,065	\$ 571,288	\$ 626,296	\$863,654	\$924,958	\$1,538,076	\$1,833,845
Value of physical property.....	(⁴)	(⁴)	(⁴)	(⁴)	377,903	521,990	572,465	656,802	820,326	1,391,594	1,706,444
Endowment and other nonexpendable funds.....	95,426	253,599	460,532	741,333	1,925,095	2,753,780	2,759,261	(⁵)	(⁶)	3,996,000	5,272,590
	78,788	197,998	323,661	569,071	1,512,023	1,764,604	1,766,664	(⁷)	(⁷)	2,497,727	2,644,323

¹ Administrative and instructional. Totals, 1889-90 to 1929-30; full-time equivalent, later years.² Distribution, by sex estimated.³ Regular session only—September to June.⁴ Change from figures previously published, brought about by reanalysis of original reports⁵ In thousands of dollars (i.e., 000 omitted).⁶ Data not collected.⁷ Data not tabulated

Table 2.—Income, expenditures, and property, institutions of higher education: 1949-50 and 1947-48
 [Financial data in thousands of dollars, i.e., 000 omitted]

Item	1949-50							Total, 1949-50	Total, 1947-48
	Universities, colleges, ¹ and professional schools		Teachers colleges		Junior colleges and normal schools				
	Publicly controlled	Privately controlled	Publicly controlled	Privately controlled	Publicly controlled	Privately controlled			
1	2	3	4	5	6	7	8	9	
Total Number of Institutions	161	948	183	35	297	227	1,851	1,788	
CURRENT INCOME	\$1,010,527	\$1,078,680	\$142,010	\$7,449	\$86,408	\$49,571	\$2,374,645	\$2,027,052	
Educational and general income, by source	796,212	818,497	105,286	5,578	78,206	30,066	1,833,845	1,538,076	
Student fees	78,981	271,978	15,988	2,818	7,194	17,651	394,610	304,601	
Federal Government:									
For veterans' education	102,177	173,668	14,767	1,196	10,288	5,229	307,325	364,727	
For other purposes	117,908	98,148	243	4	676	15	216,994	161,748	
State governments	368,905	27,618	68,674	5	26,312	122	491,636	352,280	
Local governments	26,267	1,053	2,714		31,408		61,700	47,522	
Endowment earnings	8,376	86,368	188	202	96,341	926	96,341	86,079	
Private benefactions	19,288	93,312	55	1,093	31	4,848	118,627	91,467	
Organized activities related to instructional departments	61,707	47,098	1,775	139	808	460	111,987	92,725	
Miscellaneous sources	12,603	19,254	882	121	1,208	557	34,625	36,324	
Auxiliary enterprises and activities	203,803	243,457	35,098	1,830	7,853	19,224	511,265	465,155	
Other noneducational income	10,512	16,726	1,626	41	349	281	29,535	23,821	
For scholarships, fellowships, prizes	4,510	11,199	327	39	67	146	16,288	(¹)	
For other noneducational purposes	6,002	5,527	1,299	2	282	135	13,247	(²)	
RECEIPTS FOR PLANT EXPANSION, BY SOURCE	298,144	123,964	78,292	792	23,554	4,002	528,748	364,901	
Federal Government	5,752	6,450	116		39	1	12,358	(³)	
State governments	205,389	4,696	68,108		5,727		283,920	(³)	
Local governments	7,262		20		12,091		19,373	(³)	
Churches	7	5,999		734		1,348	8,088	(⁴)	
Foundations and corporations	9,864	12,399	75	30	5	368	22,741	(⁴)	
Individuals	2,106	37,714	118	15	1,148	690	41,791	(⁴)	
Transfers from current funds	28,910	28,160	1,550	12	820	1,130	60,582	(⁴)	
Other sources	38,854	28,546	8,305	1	3,724	465	79,895	(⁴)	

PRIVATE GIFTS AND GRANTS FOR NONEXPENDABLE FUNDS.....									
Endowment funds.....	4,787	61,388	38	55	83	499	66,850	66,136	
Annuity funds.....	4,384	57,929	1	49	21	435	62,829	62,140	
Student loan funds.....	52	2,390	5			25	2,472	2,731	
	341	1,069	32	6	62	39	1,549	1,565	
CURRENT EXPENDITURES.....									
	947,028	1,038,066	129,129	6,998	77,371	47,069	2,245,661	1,883,269	
Total educational and general.....	734,058	772,452	95,793	5,251	68,203	30,687	1,706,444	1,391,594	
Administration and general expense.....	64,066	121,005	12,216	1,022	7,202	7,559	213,070	171,829	
Resident instruction.....	311,402	337,940	56,871	2,615	47,151	15,015	780,994	657,945	
Organized research.....	115,602	109,648	14	45	8	24	225,341	159,090	
Extension.....	72,945	11,265	1,853	46	179	386	86,674	71,180	
Libraries.....	21,742	27,902	3,955	220	1,522	806	56,147	44,208	
Plant operation and maintenance.....	83,118	104,745	18,462	1,138	11,198	6,449	225,110	201,996	
Organized activities related to instructional departments.....	65,183	49,947	2,422	165	943	448	119,108	83,346	
Auxiliary enterprises.....	196,114	224,060	31,195	1,658	8,204	15,170	476,401	438,988	
Other noneducational expenditures.....	16,856	41,554	2,141	89	964	1,212	62,816	52,687	
EXPENDITURES FOR PLANT EXPANSION.....									
	223,549	134,711	32,370	957	20,152	5,092	416,831	306,371	
PROPERTY: TOTAL PLANT, PLANT FUNDS, AND NONEXPENDABLE FUNDS ³									
	2,679,796	4,475,553	457,012	21,067	163,259	120,226	7,916,913	6,493,727	
Physical plant and plant funds.....	2,276,407	2,271,272	452,025	14,894	157,977	100,015	5,272,590	3,996,000	
Value of physical plant.....	1,986,752	2,155,100	399,462	14,466	147,188	96,996	4,799,964	3,691,725	
Unexpended plant funds.....	289,655	116,172	52,563	428	10,789	3,019	472,626	304,275	
Nonexpendable funds.....	403,389	2,204,281	4,987	6,173	5,282	20,211	2,644,323	2,497,727	
Endowment and other nonexpendable funds ⁴	390,757	2,177,410	3,424	5,965	5,032	18,635	2,601,223	2,453,537	
Student loan funds.....	12,652	26,871	1,563	208	250	1,576	43,100	44,190	

¹ Not including teachers colleges and normal schools.² Not separately tabulated.³ At end of fiscal year.⁴ Including annuity funds.

Table 3.—Current income, institutions of higher education, by State: 1949-50
A.—ALL INSTITUTIONS
[Financial data in thousands of dollars, i.e., 000 omitted]

State	Educational and general income											Auxiliary enterprises and activities	Other non-educational income	Total current income
	Student fees	Federal Government		State governments	Local governments	Endowment earnings	Private gifts and grants	Sales and services of related activities	Miscellaneous sources	Total educational and general income				
		For veterans' education	For other purposes											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Continental United States														
Alabama.....	4,068	4,514	1,991	8,796	420	745	1,189	2,668	641	25,032	8,461	384	33,877	
Arizona.....	837	1,903	423	3,202	286	68	111	242	60	7,132	2,566	97	9,795	
Arkansas.....	2,213	2,326	1,662	6,739	36	170	571	549	264	14,530	5,235	47	19,812	
California.....	21,464	25,333	44,583	50,880	23,138	5,997	7,461	5,362	1,946	186,164	27,750	2,892	216,806	
Colorado.....	4,822	6,147	2,140	6,766	583	294	1,024	2,620	394	24,790	7,881	409	33,080	
Connecticut.....	7,284	5,080	1,045	4,428	137	5,548	3,272	210	623	27,627	6,032	1,112	34,771	
Delaware.....	472	406	353	910	6	250	151	100	17	2,665	776	62	3,503	
Florida.....	4,464	7,255	705	15,132	342	244	515	1,132	51	29,840	8,636	453	38,929	
Georgia.....	6,698	4,545	1,688	5,016	209	2,406	1,847	1,459	423	24,291	10,214	278	34,783	
Idaho.....	706	714	550	3,864	269	280	224	253	98	6,958	2,243	70	9,271	
Illinois.....	28,007	19,134	29,684	37,546	1,510	8,870	10,502	5,915	3,262	144,430	25,163	1,385	170,978	
Indiana.....	10,845	9,060	2,626	15,556	289	1,093	3,007	4,678	1,783	48,937	24,168	846	73,951	
Iowa.....	6,942	5,148	3,559	15,898	180	802	1,976	2,888	799	38,921	13,921	1,126	53,239	
Kansas.....	4,891	4,166	1,664	12,002	1,410	321	1,616	2,928	975	29,973	6,880	327	37,180	
Kentucky.....	4,224	2,850	1,691	5,283	636	1,200	1,907	1,816	278	19,865	7,418	785	28,088	
Louisiana.....	3,878	3,467	1,416	12,196	161	1,606	1,835	491	155	25,205	9,837	526	35,568	
Maine.....	2,054	1,336	508	1,155	66	710	137	325	186	6,477	3,058	129	9,664	
Maryland.....	5,591	4,357	8,539	7,553	323	1,745	2,550	2,356	894	33,908	5,816	625	40,349	
Massachusetts.....	28,677	16,014	17,614	4,710	332	11,893	9,581	891	2,547	92,259	25,206	3,012	120,477	
Michigan.....	14,998	11,661	4,822	27,169	4,738	1,367	3,922	9,886	416	78,979	22,884	184	102,047	
Minnesota.....	7,256	5,005	3,224	16,517	643	1,526	3,417	3,400	209	41,197	15,682	629	57,508	
Mississippi.....	3,078	2,151	1,763	4,586	1,244	265	617	324	933	14,961	6,229	536	21,726	
Missouri.....	12,185	7,941	2,684	8,986	1,097	2,079	3,009	3,974	393	42,348	12,449	463	55,260	
Montana.....	515	1,131	546	3,272	28	167	138	330	2	6,129	2,510	16	8,655	
Nebraska.....	3,292	2,241	1,067	5,086	448	331	1,225	1,318	469	15,477	5,819	111	21,407	

Nevada.....	122	150	317	743	47	15	749	789	106	1,500	508	217	2,225
New Hampshire.....	2,918	1,235	412	1,457	39	749	2,882	2,882	369	8,178	3,071	19	11,268
New Jersey.....	9,192	7,140	2,309	6,461	419	301	2,886	2,886	352	31,836	11,749	721	44,306
New Mexico.....	1,227	1,589	809	4,095	244	301	2,44	66	25	8,761	2,697	147	11,605
New York.....	62,417	39,481	23,629	25,312	14,864	17,401	14,491	14,491	9,732	212,142	40,435	3,168	255,745
North Carolina.....	8,118	5,112	2,808	10,750	76	3,438	2,451	2,451	3,008	36,804	15,773	676	53,253
North Dakota.....	679	844	732	4,559	22	246	327	95	327	7,887	1,825	38	9,750
Ohio.....	19,334	11,658	2,909	18,211	2,522	4,324	7,404	7,404	2,666	71,347	26,054	947	98,348
Oklahoma.....	3,227	5,789	1,714	11,711	19	296	402	402	991	24,587	10,827	391	35,805
Oregon.....	3,031	3,322	897	7,049	319	274	455	455	676	16,110	4,784	158	21,052
Pennsylvania.....	31,054	24,135	6,071	16,118	76	6,217	7,577	7,577	11,233	104,546	26,703	1,423	132,672
Rhode Island.....	3,620	2,234	715	1,345	.....	499	264	264	170	9,035	3,413	303	12,751
South Carolina.....	3,862	2,320	1,255	5,032	90	428	1,133	1,133	1,038	15,567	7,482	77	23,126
South Dakota.....	1,223	976	678	3,184	259	259	221	221	346	7,039	1,817	30	8,886
Tennessee.....	7,008	5,360	2,125	7,962	70	2,413	2,301	2,301	4,619	32,237	9,711	305	42,253
Texas.....	14,063	15,508	3,944	28,854	2,836	3,270	3,827	3,827	3,703	78,280	28,381	535	107,196
Utah.....	1,646	2,241	980	4,896	45	52	1,684	1,684	3,363	12,139	3,641	97	15,877
Vermont.....	2,557	1,121	472	6,841	76	200	1,441	1,441	198	5,806	2,467	247	8,550
Virginia.....	8,071	3,513	1,617	6,837	22	1,752	1,916	1,916	4,795	28,188	11,155	1,201	41,534
Washington.....	4,004	3,817	1,558	18,659	467	562	1,144	1,144	621	30,959	10,176	1,007	42,253
West Virginia.....	2,809	1,777	923	8,274	.....	195	200	200	382	14,585	4,880	148	19,613
Wisconsin.....	7,673	7,977	1,549	13,490	156	541	4,247	4,247	4,968	40,787	9,653	1,028	51,468
Wyoming.....	314	554	423	2,448	105	114	.....	.....	139	4,114	1,260	28	5,402
District of Columbia.....	6,980	5,584	3,527	.....	655	335	2,833	2,833	4,824	25,011	5,929	120	31,060
U.S. service academies.....	1	.....	18,014	.....	.....	.....	.....	.....	.....	18,014	.....	.....	18,014
Outlying parts of the United States.....	1,245	1,107	1,607	8,331	.....	29	78	78	450	12,980	1,831	623	15,434
Alaska.....	18	131	317	538	.....	.....	.....	.....	28	1,055	178	11	1,244
Canal Zone.....	42	1	46	.....	.....	.....	.....	.....	.....	89	.....	.....	89
Hawaii.....	504	320	413	2,314	.....	.....	29	29	214	3,865	670	36	4,571
Puerto Rico.....	681	655	831	5,479	.....	29	49	49	208	7,971	983	576	9,530

¹ Included in income from Federal Government (other purposes than veterans' fees.)

Table 3.—Current income, institutions of higher education, by State: 1949-50—Continued
 B.—PUBLICLY CONTROLLED INSTITUTIONS
 [Financial data in thousands of dollars, i.e., 000 omitted]

State	Educational and general income													Other non-educational income	Total current income
	Student fees	Federal Government			State government	Local government	Endowment earnings	Private gifts and grants	Sales and services of related activities	Miscellaneous sources	Total educational and general income	Auxiliary enterprises and activities			
		For veterans' education	For other purposes	4											
													3			5	6	7	8	9	10	11	12	13	14
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
Continental United States															
Alabama.....	2, 152	3, 330	1, 991	8, 564	415	232	283	2, 591	523	20, 081	5, 659	169	25, 009		
Arizona.....	834	1, 085	423	3, 202	286	68	104	2, 242	59	6, 903	2, 410	97	9, 410		
Arkansas.....	1, 431	1, 741	1, 652	6, 726	36	44	93	542	190	12, 455	3, 787	32	16, 274		
California.....	6, 521	12, 308	37, 431	50, 782	23, 138	1, 590	1, 081	2, 658	1, 028	136, 537	11, 745	2, 293	150, 575		
Colorado.....	2, 573	3, 182	1, 890	6, 766	583	50	636	2, 488	269	18, 497	4, 622	244	23, 363		
Connecticut.....	806	1, 409	384	4, 408	137	5	22	205	1	7, 467	2, 403	92	9, 862		
Delaware.....	386	353	353	910	6	245	6	100	16	2, 372	596	60	3, 028		
Florida.....	1, 296	2, 547	705	15, 132	214	46	116	641	28	20, 725	5, 461	306	26, 492		
Georgia.....	3, 583	3, 197	1, 507	5, 016	196	52	162	1, 065	183	14, 961	6, 653	169	21, 783		
Idaho.....	490	583	550	3, 864	269	251	1	253	82	6, 343	1, 890	70	8, 303		
Illinois.....	2, 506	4, 440	3, 889	37, 541	1, 510	93	1, 578	1, 395	257	53, 209	6, 807	293	60, 309		
Indiana.....	3, 535	5, 330	2, 220	15, 556	284	40	917	4, 461	1, 306	33, 649	14, 839	334	48, 822		
Iowa.....	2, 119	2, 994	3, 539	15, 897	180	52	650	2, 399	566	28, 396	8, 846	1, 029	38, 271		
Kansas.....	3, 447	3, 787	1, 659	12, 002	1, 410	74	326	2, 917	926	26, 548	5, 083	236	31, 871		
Kentucky.....	2, 622	2, 148	1, 689	5, 283	636	114	528	1, 191	201	14, 412	3, 330	556	18, 298		
Louisiana.....	1, 071	1, 908	1, 416	12, 196	161	15	101	402	27	17, 297	6, 757	366	24, 420		
Maine.....	820	856	508	1, 097	66	33	23	299	164	3, 843	1, 630	23	5, 496		
Maryland.....	2, 086	2, 357	868	7, 102	275	17	218	2, 296	108	15, 327	2, 588	47	17, 962		
Massachusetts.....	888	1, 412	501	4, 698	327	15	39	59	172	8, 111	2, 072	15	10, 198		
Michigan.....	9, 303	8, 469	4, 822	27, 161	4, 738	802	1, 619	9, 580	154	66, 648	19, 067	91	85, 806		
Minnesota.....	3, 150	3, 513	3, 224	16, 512	643	977	1, 674	3, 253	68	33, 014	9, 880	385	43, 289		
Mississippi.....	2, 243	1, 928	1, 749	4, 583	1, 240	79	166	3, 801	913	13, 202	5, 211	527	18, 940		
Missouri.....	2, 444	2, 892	1, 751	8, 979	1, 097	71	60	1, 545	133	18, 972	3, 412	103	22, 487		
Montana.....	388	1, 039	542	3, 271	28	112	27	330	1	5, 738	2, 355	15	8, 108		
Nebraska.....	1, 601	1, 429	1, 033	5, 086	448	37	131	1, 257	429	11, 451	3, 984	90	15, 525		

Nevada.....	122	150	317	743	47	15	106	1,500	508	217	2,225
New Hampshire.....	606	569	383	1,455	39	42	225	3,561	1,175	19	4,755
New Jersey.....	819	902	48	2,053	419	2	60	4,316	961	1	5,278
New Mexico.....	1,122	1,544	809	4,095	244	6	405	8,551	2,693	147	11,391
New York.....	3,083	3,639	234	15,112	13,915	34	209	36,276	5,135	315	41,726
North Carolina.....	2,963	3,259	2,397	10,749	76	164	339	21,069	8,514	190	29,773
North Dakota.....	584	798	732	4,859	22	176	61	7,593	1,685	17	9,305
Ohio.....	5,984	4,004	1,877	18,207	2,522	573	2,283	40,374	13,859	287	54,420
Oklahoma.....	1,888	4,260	1,691	11,711	19	158	991	21,181	9,015	340	30,536
Oregon.....	1,118	1,709	812	7,044	319	11	667	11,842	3,060	63	14,965
Pennsylvania.....	1,685	1,066	13	4,153	30	45	2	7,017	3,022	7	10,046
Rhode Island.....	1,520	345	287	1,330	2	2	156	2,744	756	162	3,662
South Carolina.....	1,012	1,487	1,255	5,012	89	43	1,014	10,868	4,203	33	15,104
South Dakota.....	1,646	727	678	3,184	8	143	342	5,849	1,362	11	7,222
Tennessee.....	1,998	2,850	1,617	7,849	70	19	591	15,657	2,716	37	18,410
Texas.....	6,298	10,717	3,885	28,831	2,778	932	3,387	59,742	19,061	224	79,027
Utah.....	1,243	1,909	980	4,806	45	43	316	9,961	2,353	52	12,369
Vermont.....	968	636	472	3,571	74	72	198	3,141	732	214	4,087
Virginia.....	3,578	2,491	1,614	6,837	17	376	4,640	20,722	6,131	913	27,766
Washington.....	1,884	2,270	1,557	18,659	467	403	621	26,545	7,452	769	34,766
West Virginia.....	1,374	1,052	923	8,254	4	4	238	11,872	3,489	59	15,420
Wisconsin.....	3,381	5,397	1,513	13,489	155	59	4,610	30,357	6,462	826	37,639
Wyoming.....	314	554	423	2,448	105	114	139	4,114	1,260	28	5,402
District of Columbia.....	42	9	.....	.....	614	1	4	677	63	.....	740
U.S. service academies.....	.....	.....	18,014	.....	.....	.....	.....	18,014	.....	.....	18,014
Outlying parts of the United States.....	1,131	1,063	1,607	8,331	.....	10	447	12,799	1,570	616	14,985
Alaska.....	18	131	317	538	.....	.....	28	1,055	178	11	1,244
Canal Zone.....	42	1	46	.....	.....	.....	.....	89	.....	.....	89
Hawaii.....	504	320	413	2,314	.....	29	214	3,865	671	35	4,571
Puerto Rico.....	566	611	831	5,479	.....	49	205	7,790	721	570	9,081

Included in income from Federal Government (other purposes than veterans' fees.)

Table 3.—*Current income, institutions of higher education, by State: 1949-50—Continued*
 C.—PRIVATELY CONTROLLED INSTITUTIONS

[Financial data in thousands of dollars, i.e., 000 omitted]

State	Educational and general income												Auxiliary enterprises and activities	Other non-educational income	Total current income
	Educational and general income														
	Federal Government			State governments	Local governments	Endowment earnings	Private gifts and grants	Sales and services of related activities	Miscellaneous sources	Total educational and general income					
	Student fees	For veterans' education	For other purposes												
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
Continental United States															
Alabama	1,916	\$180,093	\$98,167	\$27,745	\$1,311	\$87,496	\$99,253	\$47,697	\$19,932	\$854,141	\$264,511	\$17,048	\$1,135,700	7,968	
Arizona	3	1,184		232	5	513	906	77	118	4,951	2,802	215		385	
Arkansas	782	585	10	13		126	478	7	74	2,075	1,448	15		3,538	
California	14,943	13,025	7,152	98		4,407	6,380	2,704	918	49,627	16,005	599		66,231	
Colorado	2,249	2,965	250			244	328	132	125	6,293	3,259	165		9,717	
Connecticut	6,478	3,581	661	20		5,543	3,250	5	622	20,160	3,629	1,020		24,809	
Delaware	86	56				3	145		1	293	180	2		475	
Florida	3,168	4,708			128	198	399	491	23	9,115	3,175	147		12,437	
Georgia	3,115	1,348	181		13	2,354	1,685	394	240	9,350	3,501	109		13,000	
Idaho	216	131				29	223		16	615	353			968	
Illinois	25,501	14,694	25,795	5		8,777	8,924	4,520	3,005	91,221	18,356	1,092		110,669	
Indiana	7,310	3,730	406		5	1,053	2,090	217	477	15,288	9,329	512		25,129	
Iowa	4,823	2,154	20	1		750	1,326	489	233	9,796	5,075	97		14,968	
Kansas	1,444	379	5			247	1,290	11	49	3,425	1,797	91		5,313	
Kentucky	1,602	702	2			1,086	1,379	625	77	5,473	4,088	229		9,790	
Louisiana	2,807	1,559				1,591	1,734	89	128	7,908	3,080	160		11,148	
Maine	1,198	516		58		677	137	26	22	2,634	1,428	106		4,168	
Maryland	3,505	2,000	7,671	451	48	1,728	2,332	60	786	18,581	3,228	578		22,387	
Massachusetts	27,789	14,602	17,113	12	5	11,878	9,542	832	2,375	84,148	23,134	2,997		110,279	
Michigan	5,695	3,192		8		565	2,303	306	262	12,331	3,817	93		16,241	
Minnesota	4,106	1,492		5		549	1,743	147	141	8,183	5,802	234		14,219	
Mississippi	8,855	1,223	14	3		186	451	23	20	1,759	1,018	9		2,786	
Missouri	9,741	5,049	933	7	4	2,008	2,949	2,429	260	23,376	9,037	360		32,773	
Montana	1,127	92	4	1		55	111		1	391	155	1		547	
Nebraska	1,691	812	34			294	1,094	61	40	4,026	1,835	21		5,882	

Nevada.....	2,312	666	29	2	707	757	144	4,617	1,896	720	6,513
New Hampshire.....	8,373	6,238	2,261	4,408	2,384	2,882	682	27,520	10,788	720	39,028
New Jersey.....	105	45	23,395	10,200	17,404	14,478	4,681	175,866	35,300	2,853	214,019
New Mexico.....	59,334	35,842	471	1	3,274	1,915	397	15,735	7,259	486	23,445
New York.....	5,155	1,853	471	1	3,274	1,915	397	15,735	7,259	486	23,445
North Carolina.....	13,350	7,684	1,032	4	3,751	4,319	480	30,973	12,195	760	43,928
Ohio.....	1,339	1,529	23	5	263	326	51	3,408	1,812	51	5,269
Oklahoma.....	1,913	1,613	85	5	263	303	77	4,208	1,724	95	6,087
Oregon.....	29,369	23,069	6,058	11,965	6,172	7,575	2,042	97,529	23,681	1,416	122,626
Pennsylvania.....	3,100	1,889	428	15	497	264	84	6,291	2,657	141	9,089
Rhode Island.....	2,250	833	20	1	385	1,083	103	4,699	3,279	44	8,022
South Carolina.....	5,010	2,510	508	113	2,394	1,837	31	1,190	455	19	1,664
South Dakota.....	7,765	4,791	59	23	2,338	2,863	325	18,538	9,320	311	28,169
Tennessee.....	4,403	332	54	54	9	1,376	8	2,175	1,288	45	3,508
Texas.....	1,589	488	3	5	128	361	43	2,665	1,735	33	4,433
Utah.....	4,493	1,022	3	5	1,376	1,302	155	110	8,466	5,064	288
Vermont.....	2,120	1,547	1	1	159	565	22	4,414	2,724	238	7,376
Virginia.....	1,435	725	36	20	191	184	14	2,713	1,391	89	4,193
Washington.....	4,292	2,580	36	1	482	2,518	162	10,430	3,191	208	13,829
West Virginia.....	6,938	5,575	3,527	41	335	2,832	266	24,334	5,866	120	30,320
Wisconsin.....											
Wyoming.....											
District of Columbia.....											
Outlying part of the United States.....	115	44			19			181	262	6	449
Puerto Rico.....	115	44			19			181	262	6	449

Table 4.—Plant fund receipts, institutions of higher education, by type, control, and State: 1949-50

[Financial data in thousands of dollars, i.e., 000 omitted]

State	Total for all institu- tions	Universities, colleges, and professional schools		Teachers colleges		Junior colleges and normal schools	
		Publicly controlled	Privately controlled	Publicly con- trolled	Pri- vately con- trolled	Publicly con- trolled	Pri- vately con- trolled
1	2	3	4	5	6	7	8
Continental United States	\$528, 747	\$298, 143	\$123, 964	\$78, 292	\$792	\$23, 554	\$4, 002
Alabama.....	4, 121	2, 859	840	422			
Arizona.....	4, 859	1, 891		2, 957		11	
Arkansas.....	4, 143	2, 340	12	1, 513		268	10
California.....	89, 630	76, 733	3, 785			9, 024	88
Colorado.....	6, 853	3, 190	2, 754	490		348	71
Connecticut.....	14, 208	10, 070	1, 138	3, 000			
Delaware.....	516	516					
Florida.....	3, 533	1, 835	1, 544				154
Georgia.....	3, 945	1, 881	1, 628			375	61
Idaho.....	2, 364	2, 251	73	5		35	
Illinois.....	45, 066	24, 467	10, 409	9, 105	397	412	276
Indiana.....	8, 772	5, 747	2, 579	441			5
Iowa.....	5, 591	3, 672	1, 031	700		3	185
Kansas.....	6, 938	4, 586	753	1, 373			226
Kentucky.....	3, 625	1, 180	1, 712	592			141
Louisiana.....	2, 517	1, 572	945				
Maine.....	576	299	162	6			109
Maryland.....	11, 964	7, 056	3, 007	1, 863		38	
Massachusetts.....	10, 469	2, 196	8, 219				54
Michigan.....	20, 403	11, 023	2, 838	3, 906		2, 606	30
Minnesota.....	15, 354	10, 301	1, 603	3, 100	350		
Mississippi.....	5, 944	2, 762	344	2, 525		289	24
Missouri.....	8, 266	2, 724	3, 234	1, 634			674
Montana.....	1, 771	916	3	371		481	
Nebraska.....	2, 396	1, 571	420	344	15	15	31
Nevada.....	98	98					
New Hampshire.....	465	173	43	140			109
New Jersey.....	3, 522	13	3, 302				207
New Mexico.....	858	761		97			
New York.....	28, 877	4, 584	13, 487	9, 006	30	1, 523	247
North Carolina.....	21, 380	8, 861	2, 384	9, 877			258
North Dakota.....	4, 791	3, 653		759		379	
Ohio.....	18, 415	13, 625	4, 790				
Oklahoma.....	14, 999	10, 679	1, 768	2, 044		508	
Oregon.....	7, 669	5, 752	315	683		897	22
Pennsylvania.....	25, 243		23, 840	1, 316			87
Rhode Island.....	1, 504	1, 000	504				
South Carolina.....	2, 210	1, 370	803				37
South Dakota.....	2, 143	1, 348	168	596			31
Tennessee.....	6, 586	3, 819	1, 746	927			94
Texas.....	55, 210	32, 599	8, 673	7, 822		5, 989	127
Utah.....	1, 745	387	1, 080			278	
Vermont.....	401		331				70
Virginia.....	7, 517	5, 540	398	1, 395			184
Washington.....	9, 610	7, 803	812	920		75	
West Virginia.....	6, 873	3, 250	804	2, 819			
Wisconsin.....	14, 943	7, 338	2, 025	5, 544			36
Wyoming.....	1, 852	1, 852					
District of Columbia.....	8, 012		7, 658				354
Outlying parts of the United States	1, 688	1, 665	23				
Alaska.....	174	174					
Hawaii.....	177	177					
Puerto Rico.....	1, 337	1, 314	23				

Table 5.—Plant fund receipts, institutions of higher education, by source and by State: 1949-50

A.—ALL INSTITUTIONS

[Financial data in thousands of dollars, i.e., 000 omitted]

State	Federal Government	State governments	County or district governments	Church	Foundations and corporations	Individuals	Transfers from current funds	Other sources	Total (all sources)
1	2	3	4	5	6	7	8	9	10
Continental United States	\$12,358	\$283,920	\$19,373	\$8,088	\$22,741	\$41,791	\$60,582	\$79,894	\$528,747
Alabama.....	48	961	23	38	130	437	1,760	724	4,121
Arizona.....	14	4,684	11	—	29	—	121	—	4,859
Arkansas.....	62	1,174	—	8	—	—	1,429	1,470	4,143
California.....	114	74,034	6,505	262	559	1,428	3,536	3,192	89,630
Colorado.....	333	1,553	196	40	206	413	731	3,381	6,853
Connecticut.....	—	6,210	—	—	—	1	387	611	14,208
Delaware.....	—	500	—	—	—	—	1	15	516
Florida.....	232	—	96	—	421	170	1,207	1,402	3,533
Georgia.....	51	93	350	70	1,154	241	1,723	263	3,945
Idaho.....	1	1,601	—	63	—	9	40	650	2,364
Illinois.....	300	30,331	421	1,026	1,881	1,311	4,554	5,242	45,066
Indiana.....	27	1,641	—	43	294	1,828	2,270	2,669	8,772
Iowa.....	—	2,497	1	359	61	440	1,417	816	5,591
Kansas.....	—	5,427	27	231	—	650	210	393	6,838
Kentucky.....	—	528	—	96	33	1,189	1,148	631	3,625
Louisiana.....	—	559	—	311	—	332	1,297	18	2,517
Maine.....	—	135	6	—	165	4	187	79	576
Maryland.....	16	6,962	—	—	101	899	2,309	1,677	11,964
Massachusetts.....	—	2,196	—	20	1,272	4,097	1,691	1,193	10,469
Michigan.....	—	2,516	4,147	183	1,261	1,476	5,016	5,804	20,403
Minnesota.....	410	10,513	—	738	199	1,050	1,023	1,421	15,354
Mississippi.....	—	3,304	103	26	75	314	406	1,716	5,944
Missouri.....	150	3,180	—	1,103	211	1,282	1,156	1,184	8,266
Montana.....	—	1,534	4	—	—	12	42	179	1,771
Nebraska.....	—	1,414	100	129	145	114	487	7	2,396
Nevada.....	—	50	—	—	—	—	48	—	98
New Hampshire.....	—	140	—	—	—	44	268	13	465
New Jersey.....	11	704	—	15	335	1,443	664	350	3,522
New Mexico.....	—	123	—	—	44	49	375	267	858
New York.....	2	11,072	4,133	46	2,573	1,757	7,409	1,885	28,877
North Carolina.....	10	18,459	—	193	310	1,240	804	364	21,380
North Dakota.....	—	3,972	—	—	—	2	—	817	4,791
Ohio.....	1,084	11,463	282	94	1,038	2,328	1,196	930	18,415
Oklahoma.....	208	11,622	—	222	23	990	894	1,040	14,999
Oregon.....	—	6,585	5	61	2	300	128	588	7,669
Pennsylvania.....	100	4,813	—	250	1,009	7,219	3,566	8,286	25,243
Rhode Island.....	—	1,000	—	—	—	389	82	33	1,504
South Carolina.....	—	1,263	—	128	159	339	258	63	2,210
South Dakota.....	—	1,944	—	168	1	20	10	—	2,143
Tennessee.....	—	3,746	—	316	94	916	1,162	352	6,586
Texas.....	1,800	12,383	2,963	300	8,007	4,181	4,872	20,704	55,210
Utah.....	178	283	—	825	—	128	140	191	1,745
Vermont.....	—	—	—	—	—	40	137	224	401
Virginia.....	—	6,214	—	28	52	228	475	520	7,517
Washington.....	1,093	5,210	—	8	24	1,283	1,054	938	9,610
West Virginia.....	—	5,683	—	22	2	537	603	26	6,873
Wisconsin.....	395	12,374	—	585	680	97	783	29	14,943
Wyoming.....	—	1,265	—	—	33	—	—	554	1,852
District of Columbia.....	5,719	—	—	81	157	177	1,283	595	8,012
Outlying parts of the United States	4	1,314	—	—	9	—	332	29	1,688
Alaska.....	—	146	—	—	—	—	28	—	174
Hawaii.....	4	76	—	—	3	—	88	6	177
Puerto Rico.....	—	1,092	—	—	6	—	216	23	1,337

Table 5.—Plant fund receipts, institutions of higher education, by source and by State: 1949-50—Continued

B.—PUBLICLY CONTROLLED INSTITUTIONS

[Financial data in thousands of dollars, i.e., 000 omitted]

State	Federal Government	State governments	County or district governments	Church	Foundations and corporations	Individuals	Transfers from current funds	Other sources	Total (all sources)
1	2	3	4	5	6	7	8	9	10
Continental United States	\$5, 907	\$279, 224	\$19, 373	\$7	\$9, 943	\$3, 372	\$31, 280	\$50, 883	\$399, 989
Alabama.....	48	961	23	-----	11	5	1, 509	724	3, 281
Arizona.....	14	4, 684	11	-----	29	-----	121	-----	4, 859
Arkansas.....	62	1, 174	-----	-----	-----	-----	1, 419	1, 466	4, 121
California.....	39	74, 033	6, 505	-----	471	-----	2, 004	2, 705	85, 757
Colorado.....	333	1, 553	196	-----	135	205	188	1, 418	4, 028
Connecticut.....	-----	6, 210	-----	-----	-----	-----	-----	6, 860	13, 070
Delaware.....	-----	500	-----	-----	-----	1	-----	15	516
Florida.....	232	5	96	-----	50	-----	250	1, 202	1, 835
Georgia.....	-----	93	350	-----	202	3	1, 560	48	2, 256
Idaho.....	-----	1, 601	-----	-----	-----	-----	40	650	2, 291
Illinois.....	1	30, 327	421	-----	42	-----	2, 179	1, 014	33, 984
Indiana.....	-----	1, 641	-----	-----	-----	41	1, 931	2, 575	6, 188
Iowa.....	-----	2, 497	1	-----	-----	-----	1, 318	559	4, 375
Kansas.....	-----	5, 427	27	-----	-----	26	87	392	5, 959
Kentucky.....	-----	528	-----	-----	-----	24	917	303	1, 772
Louisiana.....	-----	559	-----	-----	-----	-----	1, 013	-----	1, 572
Maine.....	-----	135	6	-----	2	-----	162	-----	305
Maryland.....	-----	6, 962	-----	-----	-----	-----	1, 995	-----	8, 957
Massachusetts.....	-----	2, 196	-----	-----	-----	-----	-----	-----	2, 196
Michigan.....	-----	2, 516	4, 147	-----	550	1, 007	4, 261	5, 054	17, 535
Minnesota.....	410	10, 513	-----	-----	146	-----	921	1, 411	13, 401
Mississippi.....	-----	3, 304	103	-----	75	-----	378	1, 716	5, 576
Missouri.....	-----	3, 180	-----	-----	-----	-----	336	842	4, 358
Montana.....	-----	1, 534	4	-----	-----	11	40	179	1, 768
Nebraska.....	-----	1, 414	100	-----	11	16	389	-----	1, 930
Nevada.....	-----	50	-----	-----	-----	-----	48	-----	98
New Hampshire.....	-----	140	-----	-----	-----	-----	173	-----	313
New Jersey.....	-----	-----	-----	-----	-----	-----	-----	13	13
New Mexico.....	-----	123	-----	-----	44	49	375	267	858
New York.....	-----	10, 625	4, 133	-----	-----	-----	355	-----	15, 113
North Carolina.....	10	18, 459	-----	-----	-----	50	215	4	18, 738
North Dakota.....	-----	3, 972	-----	-----	-----	2	-----	817	4, 791
Ohio.....	1, 084	11, 463	282	-----	376	106	212	102	13, 625
Oklahoma.....	208	11, 622	-----	-----	-----	50	763	588	13, 231
Oregon.....	-----	6, 585	5	-----	-----	149	67	526	7, 332
Pennsylvania.....	-----	1, 273	-----	-----	-----	-----	43	-----	1, 316
Rhode Island.....	-----	1, 000	-----	-----	-----	-----	-----	-----	1, 000
South Carolina.....	-----	1, 263	-----	-----	-----	-----	107	-----	1, 370
South Dakota.....	-----	1, 944	-----	-----	-----	-----	-----	-----	1, 944
Tennessee.....	-----	3, 746	-----	-----	-----	-----	915	85	4, 746
Texas.....	1, 800	12, 383	2, 963	-----	7, 765	767	3, 409	17, 323	46, 410
Utah.....	178	283	-----	-----	-----	14	140	50	665
Vermont.....	-----	6, 214	-----	7	-----	46	168	500	6, 935
Virginia.....	-----	5, 210	-----	-----	1	800	776	918	8, 798
Washington.....	1, 093	-----	-----	-----	-----	-----	-----	-----	-----
West Virginia.....	-----	5, 683	-----	-----	-----	-----	386	-----	6, 069
Wisconsin.....	395	12, 374	-----	-----	-----	-----	110	3	12, 882
Wyoming.....	-----	1, 265	-----	-----	33	-----	-----	554	1, 852
District of Columbia.....	-----	-----	-----	-----	-----	-----	-----	-----	-----
Outlying parts of the United States	4	1, 314	-----	-----	9	-----	332	6	1, 665
Alaska.....	-----	146	-----	-----	-----	-----	28	-----	174
Hawaii.....	4	76	-----	-----	3	-----	88	6	177
Puerto Rico.....	-----	1, 092	-----	-----	6	-----	216	-----	1, 314

Table 6.—Receipts specifically designated for additions to endowments and other nonexpendable funds, institutions of higher education, by source and State: 1949-50

A.—ALL INSTITUTIONS

[Financial data in thousands of dollars, i.e., 000 omitted]

State	Endowment funds			Annuity funds			Student loan funds			Other nonexpendable funds
	Private gifts and grants	Other sources	Total	Private gifts and grants	Other sources	Total	Private gifts and grants	Other sources	Total	
1	2	3	4	5	6	7	8	9	10	11
Continental United States	\$62, 829	\$35, 717	\$98, 546	\$2, 472	\$681	\$3, 153	\$1, 549	\$680	\$2, 229	\$13, 004
Alabama.....	164	109	273	-----	13	13	87	-----	87	-----
Arizona.....	5	5	10	-----	-----	-----	1	-----	1	-----
Arkansas.....	71	12	83	10	5	15	26	10	36	4
California.....	3, 118	2, 114	5, 232	851	1	852	83	24	107	1, 267
Colorado.....	196	73	269	1	-----	1	10	5	15	-----
Connecticut.....	2, 044	1	2, 045	1	19	20	-----	3	3	-----
Delaware.....	-----	-----	-----	-----	-----	-----	42	18	60	50
Florida.....	72	3	75	-----	-----	-----	-----	-----	-----	-----
Georgia.....	1, 262	3, 210	4, 472	14	4	18	96	58	154	26
Idaho.....	1	302	303	7	-----	7	10	-----	10	-----
Illinois.....	4, 137	2, 917	7, 054	232	134	366	37	33	70	84
Indiana.....	1, 244	84	1, 328	164	10	174	267	2	269	127
Iowa.....	301	219	520	51	4	55	24	6	30	135
Kansas.....	68	17	85	19	-----	19	8	3	11	8
Kentucky.....	1, 946	131	2, 077	147	9	156	22	9	31	76
Louisiana.....	147	81	228	-----	6	6	9	10	19	3
Maine.....	1, 702	60	1, 762	-----	-----	-----	-----	1	1	-----
Maryland.....	1, 036	120	1, 156	26	7	33	8	1	9	12
Massachusetts.....	22, 197	1, 380	23, 577	159	110	269	12	76	88	5, 867
Michigan.....	1, 018	280	1, 298	27	-----	27	97	6	103	72
Minnesota.....	784	51	835	7	1	8	52	19	71	15
Mississippi.....	145	1	146	1	-----	1	7	-----	7	43
Missouri.....	2, 276	25	2, 301	-----	40	40	172	19	191	35
Montana.....	-----	55	55	-----	-----	-----	-----	-----	-----	-----
Nebraska.....	200	-----	200	116	-----	116	5	5	10	9
Nevada.....	73	13	86	-----	-----	-----	-----	-----	-----	-----
New Hampshire.....	433	4	437	-----	-----	-----	3	9	12	-----
New Jersey.....	1, 424	2, 105	3, 529	37	1	38	3	13	16	109
New Mexico.....	-----	72	72	-----	-----	-----	1	-----	1	-----
New York.....	6, 926	6, 070	12, 996	226	287	513	21	126	147	3, 581
North Carolina.....	1, 198	1, 816	3, 014	8	-----	8	25	33	58	30
North Dakota.....	30	6	36	-----	-----	-----	3	5	8	-----
Ohio.....	898	434	1, 332	100	-----	100	108	16	124	715
Oklahoma.....	404	171	575	5	-----	5	3	10	13	3
Oregon.....	76	17	93	5	-----	5	47	11	58	1
Pennsylvania.....	3, 377	2, 260	5, 637	145	10	155	50	61	111	248
Rhode Island.....	257	12	269	22	5	27	1	5	6	67
South Carolina.....	370	39	409	5	-----	5	14	7	21	-----
South Dakota.....	15	-----	15	-----	5	5	1	1	2	-----
Tennessee.....	640	272	912	7	1	8	17	17	34	252
Texas.....	639	9, 925	10, 564	19	6	25	72	35	107	23
Utah.....	8	6	14	-----	-----	-----	1	3	4	-----
Vermont.....	38	-----	38	-----	-----	-----	1	-----	1	94
Virginia.....	1, 006	544	1, 550	21	3	24	7	17	24	34
Washington.....	53	87	140	22	-----	22	23	-----	23	2
West Virginia.....	16	3	19	2	-----	2	1	-----	1	-----
Wisconsin.....	574	218	792	15	-----	15	28	1	29	6
Wyoming.....	-----	112	112	-----	-----	-----	-----	2	2	5
District of Columbia.....	240	281	521	-----	-----	-----	44	-----	44	-----
Outlying parts of the United States	87	168	255	-----	-----	-----	2	1	3	-----
Hawaii.....	84	2	86	-----	-----	-----	-----	-----	-----	-----
Puerto Rico.....	3	166	169	-----	-----	-----	2	1	3	-----

Table 6.—Receipts specifically designated for additions to endowments and other nonexpendable funds, institutions of higher education: 1949-50

B.—PUBLICLY CONTROLLED INSTITUTIONS

[Financial data in thousands of dollars, i.e., 000 omitted]

State	Endowment funds			Annuity funds			Student loan funds			Other nonexpendable funds
	Private gifts and grants	Other sources	Total	Private gifts and grants	Other sources	Total	Private gifts and grants	Other sources	Total	
1	2	3	4	5	6	7	8	9	10	11
Continental United States	\$4, 416	\$12, 935	\$17, 351	\$57	\$28	\$85	\$435	\$246	\$681	\$630
Alabama.....		103	103		13	13	87		87	
Arizona.....	5	5	10				1		1	
Arkansas.....					5	5		7	7	
California.....	1, 054	1, 458	2, 512	51		51	40	9	49	450
Colorado.....	25	21	46				6	5	11	
Connecticut.....								2	2	
Delaware.....										
Florida.....	4	3	7				20	7	27	
Georgia.....	20	81	101	1		1	62	45	107	
Idaho.....	1	302	303				7		7	
Illinois.....	7	3	10				2	2	4	
Indiana.....	100	77	177		10	10	13	2	15	64
Iowa.....	1	57	58					4	4	
Kansas.....	4	17	21				6	3	9	
Kentucky.....	410		410				7	5	12	
Louisiana.....								5	5	
Maine.....	199	9	208					1	1	
Maryland.....	160	36	196							
Massachusetts.....	12		12							
Michigan.....	330	81	411	5		5	45	1	46	
Minnesota.....	649	13	662				6	14	20	7
Mississippi.....	4		4				7		7	
Missouri.....	50	6	56				6	16	22	
Montana.....		54	54							
Nebraska.....	2		2				1	4	5	7
Nevada.....	73	13	86							
New Hampshire.....	14	4	18				1	9	10	
New Jersey.....										
New Mexico.....		72	72				1		1	
New York.....	201	6	207				2		2	
North Carolina.....	55	6	61				2	27	29	
North Dakota.....							3	4	7	
Ohio.....	51	83	134				5	5	10	
Oklahoma.....	2	75	77				1	9	10	
Oregon.....	65	15	80				32	7	39	
Pennsylvania.....							1	6	7	
Rhode Island.....							1		1	
South Carolina.....	128		128				12	1	13	
South Dakota.....								1	1	
Tennessee.....		2	2					10	10	
Texas.....	105	9, 538	9, 643				39	18	57	1
Utah.....	3	5	8					3	3	
Vermont.....	7		7				1		1	94
Virginia.....	470	467	937				2	11	13	
Washington.....	23	73	96				4		4	2
West Virginia.....										
Wisconsin.....	182	138	320				12	1	13	
Wyoming.....		112	112					2	2	5
District of Columbia.....										
Outlying parts of the United States	87	168	255				1	1	2	
Hawaii.....	84	2	86							
Puerto Rico.....	3	166	169				1	1	2	

Table 6.—Receipts specifically designated for additions to endowments and other nonexpendable funds, institutions of higher education, by source and State: 1949-50—Continued

C.—PRIVATELY CONTROLLED INSTITUTIONS

[Financial data in thousands of dollars, i.e., 000 omitted]

State	Endowment funds			Annuity funds			Student loan funds			Other nonexpendable funds
	Private gifts and grants	Other sources	Total	Private gifts and grants	Other sources	Total	Private gifts and grants	Other sources	Total	
1	2	3	4	5	6	7	8	9	10	11
Continental United States	\$58, 413	\$22, 782	\$81, 195	\$2, 415	\$653	\$3, 068	\$1, 114	\$434	\$1,548	\$12, 374
Alabama.....	164	6	170	—	—	—	—	—	—	—
Arizona.....	—	—	—	10	—	10	26	3	29	4
Arkansas.....	71	12	83	800	1	801	43	15	58	817
California.....	2, 064	656	2, 720	1	—	1	4	—	4	—
Colorado.....	171	52	223	—	—	—	—	—	—	—
Connecticut.....	2, 044	1	2, 045	1	19	20	—	1	1	—
Delaware.....	—	—	—	—	—	—	—	—	—	—
Florida.....	68	—	68	—	—	—	22	11	33	50
Georgia.....	1, 242	3, 129	4, 371	13	4	17	34	13	47	26
Idaho.....	—	—	—	7	—	7	3	—	3	—
Illinois.....	4, 130	2, 914	7, 044	232	134	366	35	31	66	84
Indiana.....	1, 144	7	1, 151	164	—	164	254	—	254	63
Iowa.....	300	162	462	51	4	55	24	2	26	135
Kansas.....	64	—	64	19	—	19	2	—	2	8
Kentucky.....	1, 536	131	1, 667	147	9	156	15	4	19	76
Louisiana.....	147	81	228	—	6	6	9	5	14	3
Maine.....	1, 503	51	1, 554	—	—	—	—	—	—	—
Maryland.....	876	84	960	26	7	33	8	1	9	12
Massachusetts.....	22, 185	1, 380	23, 565	159	110	269	12	76	88	5, 867
Michigan.....	688	199	887	22	—	22	52	5	57	72
Minnesota.....	135	38	173	7	1	8	46	5	51	8
Mississippi.....	141	1	142	1	—	1	—	—	—	43
Missouri.....	2, 226	19	2, 245	—	40	40	166	3	169	35
Montana.....	—	1	1	—	—	—	—	—	—	1
Nebraska.....	198	—	198	116	—	116	4	1	5	2
Nevada.....	—	—	—	—	—	—	—	—	—	—
New Hampshire.....	419	—	419	—	—	—	2	—	2	—
New Jersey.....	1, 424	2, 105	3, 529	37	1	38	3	13	16	109
New Mexico.....	—	—	—	—	—	—	—	—	—	—
New York.....	6, 725	6, 064	12, 789	226	287	513	19	126	145	3, 581
North Carolina.....	1, 143	1, 810	2, 953	8	—	8	23	6	29	30
North Dakota.....	30	6	36	—	—	—	—	1	1	—
Ohio.....	847	351	1, 198	100	—	100	103	11	114	715
Oklahoma.....	402	96	498	5	—	5	2	1	3	3
Oregon.....	11	2	13	5	—	5	15	4	19	1
Pennsylvania.....	3, 377	2, 260	5, 637	145	10	155	49	55	104	248
Rhode Island.....	257	12	269	22	5	27	—	5	5	67
South Carolina.....	242	39	281	5	—	5	2	6	8	—
South Dakota.....	15	—	15	—	5	5	1	—	1	—
Tennessee.....	640	270	910	7	1	8	17	7	24	252
Texas.....	534	387	921	19	6	25	33	17	50	22
Utah.....	5	1	6	—	—	—	1	—	1	—
Vermont.....	31	—	31	—	—	—	—	—	—	—
Virginia.....	536	77	613	21	3	24	5	6	11	34
Washington.....	30	14	44	22	—	22	19	—	19	—
West Virginia.....	16	3	19	2	—	2	1	—	1	—
Wisconsin.....	392	80	472	15	—	15	16	—	16	6
Wyoming.....	—	—	—	—	—	—	—	—	—	—
District of Columbia.....	240	281	521	—	—	—	44	—	44	—
Outlying part of the United States	—	—	—	—	—	—	1	—	1	—
Puerto Rico.....	—	—	—	—	—	—	1	—	1	—

Tables 7-9, which appear on the succeeding pages, are devoted to data on expenditures and property of institutions of higher education. Table 7 presents State and National data on *current expenditures* of institutions of higher education classified by type of control. Table 8 presents State and National data on *plant fund expenditures* of institutions of higher education classified by type of control and by nature of organization or curriculum. Table 9 presents State and National data on *property* of institutions of higher education classified by type of control.

Table 7.—Current expenditures, institutions of higher education, by State: 1949-50
A.—ALL INSTITUTIONS
[Financial data in thousands of dollars, i.e., 000 omitted]

State	Educational and general									Auxiliary enter- prises and activities	Other nonedu- cational expenses	Total current expendi- tures	Expen- ditures for plant expan- sion
	Adminis- tration and general expense	Resident instruc- tion	Organ- ized research	Exten- sion	Libraries	Physical plant operation and main- tenance	Related activities and general	Total educational and general					
									2					3	4	5	6	7	8	9	10	11	12	13
1													
Continental United States													
Alabama.....	2,329	9,247	1,289	2,688	714	2,705	2,674	21,646	7,591	500	29,737	5,916	
Arizona.....	2,779	3,449	1,517	2,467	216	1,117	1,148	6,693	2,485	201	9,379	3,000	
Arkansas.....	1,629	5,068	1,034	1,691	328	1,427	1,049	12,226	5,017	469	17,712	3,946	
California.....	15,551	73,324	52,750	4,527	5,480	15,140	6,086	172,858	26,744	4,265	203,867	40,677	
Colorado.....	3,268	9,114	2,652	1,338	791	2,323	3,729	23,215	6,920	974	31,109	6,629	
Connecticut.....	3,289	13,729	2,869	763	1,734	3,756	481	26,621	5,453	1,991	34,065	8,893	
Delaware.....	447	1,114	161	245	48	453	109	2,577	607	125	3,309	360	
Florida.....	3,064	11,072	2,800	946	1,050	3,588	960	23,450	7,685	1,400	32,535	9,660	
Georgia.....	2,943	11,424	1,475	2,848	914	3,018	1,012	23,634	9,191	457	33,282	4,284	
Idaho.....	675	2,662	609	531	218	1,120	303	6,118	2,103	94	8,315	3,092	
Illinois.....	16,550	55,611	32,066	4,249	3,836	16,025	6,868	135,205	23,893	4,011	163,109	25,765	
Indiana.....	5,833	21,007	3,644	3,884	1,571	6,170	4,667	46,776	20,704	1,899	69,379	10,474	
Iowa.....	4,266	15,061	4,543	2,099	1,044	4,231	5,607	36,851	11,806	1,342	49,999	8,268	
Kansas.....	2,528	11,515	1,908	1,371	796	3,847	3,232	25,197	6,277	786	32,260	4,452	
Kentucky.....	2,317	8,668	1,668	1,791	751	2,728	1,313	18,232	7,206	1,819	27,257	3,114	
Louisiana.....	3,205	11,576	2,674	2,195	1,054	3,087	547	24,338	9,643	1,168	35,149	6,140	
Maine.....	952	2,991	498	369	215	997	141	6,163	2,962	286	9,411	2,038	
Maryland.....	2,838	11,660	10,557	1,058	714	3,130	3,425	33,382	5,211	996	39,589	7,617	
Massachusetts.....	13,759	34,981	17,161	5,501	3,104	14,458	1,731	85,895	22,911	5,065	113,671	15,396	
Michigan.....	9,012	35,982	5,773	2,861	2,014	9,260	7,755	72,657	22,560	3,152	98,369	17,341	
Minnesota.....	4,749	15,971	5,110	2,057	1,305	5,068	4,424	38,684	14,255	1,009	53,948	12,999	
Mississippi.....	1,610	6,646	1,364	2,495	1,367	1,950	297	14,749	5,845	831	21,425	3,513	
Missouri.....	5,332	19,336	1,998	2,527	1,243	4,982	3,893	39,311	10,925	1,126	51,362	9,693	
Montana.....	475	2,901	533	513	199	769	327	5,717	2,239	35	7,991	1,411	
Nebraska.....	1,672	6,614	1,426	1,268	463	2,158	934	14,535	5,714	390	20,639	2,765	

Nevada.....	125	592	173	250	47	287	63	1,537	525	197	2,259	81
New Hampshire.....	1,201	3,569	303	350	349	1,171	343	7,286	3,000	250	10,536	1,924
New Jersey.....	4,900	13,465	3,473	1,213	1,164	4,824	424	29,553	11,182	2,434	43,169	2,909
New Mexico.....	968	3,447	700	793	294	1,123	791	8,116	2,572	2,235	10,923	4,990
New York.....	29,561	96,828	24,931	5,019	6,262	26,574	10,483	199,658	37,093	8,465	245,216	21,320
North Carolina.....	3,708	16,436	3,222	3,408	1,415	4,531	3,079	35,799	14,389	1,245	51,433	15,552
North Dakota.....	443	3,331	3,579	566	163	1,184	3,249	6,515	1,743	43	8,301	1,705
Ohio.....	10,078	36,361	3,190	2,211	2,402	10,202	3,215	67,659	24,749	2,362	94,770	23,375
Oklahoma.....	2,784	12,085	1,564	2,349	778	3,259	967	23,786	9,425	633	33,844	12,890
Oregon.....	1,837	7,273	1,653	1,426	778	2,113	407	15,507	4,419	424	20,350	5,921
Pennsylvania.....	12,422	46,098	8,792	4,299	2,889	13,749	11,889	100,138	24,582	3,607	128,327	22,284
Rhode Island.....	1,590	4,171	603	193	409	1,319	150	8,435	3,454	336	12,225	1,098
South Carolina.....	1,834	6,554	723	1,777	417	2,490	633	14,428	6,760	238	21,426	1,935
South Dakota.....	887	3,104	329	658	197	1,227	346	6,748	1,800	65	8,613	1,608
Tennessee.....	3,523	13,013	1,527	2,103	982	3,825	4,785	29,758	9,237	717	39,712	8,518
Texas.....	8,912	35,609	4,180	4,774	2,321	8,866	4,679	69,341	25,425	1,144	95,910	35,889
Utah.....	1,314	5,786	1,478	630	422	1,504	173	11,307	3,384	117	14,808	1,625
Vermont.....	832	2,762	355	346	180	993	240	5,718	2,220	418	8,356	430
Virginia.....	3,162	12,011	1,828	1,933	1,075	4,332	4,864	29,205	9,696	1,493	40,394	8,370
Washington.....	2,938	14,666	3,276	1,843	1,106	4,405	743	28,977	9,586	1,540	40,103	10,772
West Virginia.....	1,775	6,295	672	1,224	529	2,249	352	13,096	4,525	449	18,070	3,954
Wisconsin.....	3,754	17,608	4,044	3,309	1,031	4,264	3,596	37,606	9,254	1,188	48,048	7,349
Wyoming.....	687	1,578	418	459	88	402	132	3,764	1,303	28	5,095	2,502
District of Columbia.....	3,068	9,614	1,249	259	650	2,758	4,793	22,391	5,703	797	28,891	2,301
U.S. service academies.....	1,585	8,019				3,982		13,586	4,428		18,014	86
Outlying parts of the United States	1,407	4,426	2,003	1,715	337	1,136	445	11,459	1,582	1,229	14,280	1,697
Alaska.....	105	202	275	151	16	127	22	898	136	8	1,042	316
Canal Zone.....	12	48		6	3	12		91			91	
Hawaii.....	319	1,490	678	620	166	217	138	3,628	607	33	4,268	185
Puerto Rico.....	971	2,686	1,050	928	162	780	285	6,852	839	1,188	8,879	1,196

Table 7.—Current expenditures, institutions of higher education, by State: 1949-50—Continued
B.—PUBLICLY CONTROLLED INSTITUTIONS

[Financial data in thousands of dollars, i.e., 000 omitted]

State	Continental United States												
	1	2	3	4	5	6	7	8	9	10	11	12	13
Administration and general expense	Resident instruction	Organized research	Extension	Libraries	Physical plant operation and maintenance	Related activities	Total educational and general	Auxiliary enterprises and activities	Other noneducational expenses	Total current expenditures	Expenditures for plant expansion		
Alabama.....	1,549	6,837	2,614	517	1,802	2,598	17,164	4,934	204	22,302	5,042		
Arizona.....	711	3,302	1,467	211	1,038	148	6,394	2,382	201	8,977	3,000		
Arkansas.....	1,124	4,009	1,688	250	1,114	1,044	10,258	3,759	257	14,274	3,123		
California.....	7,964	52,106	43,851	3,625	10,103	3,303	125,475	12,602	2,556	140,633	32,438		
Colorado.....	1,807	6,131	1,338	463	1,640	3,630	17,368	4,129	480	21,977	3,392		
Connecticut.....	835	4,064	763	146	1,038	193	7,369	2,266	52	9,685	7,986		
Delaware.....	358	968	245	38	403	109	2,382	453	120	2,855	7,360		
Florida.....	1,602	7,295	946	637	2,532	574	15,946	4,554	349	20,849	7,838		
Georgia.....	1,359	6,489	2,848	491	1,786	755	14,670	5,955	146	20,771	2,349		
Idaho.....	525	2,307	531	190	1,005	303	5,470	1,846	58	7,374	2,963		
Illinois.....	5,188	21,605	3,861	1,634	6,692	2,245	47,157	6,488	955	54,600	14,823		
Indiana.....	3,021	13,144	3,877	804	3,631	4,316	31,900	12,587	477	44,964	8,185		
Iowa.....	2,148	10,394	2,099	667	2,678	5,099	27,628	7,149	794	35,571	5,769		
Kansas.....	1,783	9,464	1,371	642	3,275	3,164	21,604	4,763	604	26,971	3,494		
Kentucky.....	1,176	6,243	1,785	518	1,931	745	13,064	3,472	1,449	17,985	1,025		
Louisiana.....	2,207	7,356	2,186	693	1,963	424	16,749	6,735	901	24,385	3,563		
Maine.....	455	1,720	369	91	449	89	3,671	1,578	71	5,320	1,461		
Maryland.....	931	6,339	1,188	295	1,525	2,965	14,290	2,515	107	16,912	5,743		
Massachusetts.....	745	4,142	885	140	1,413	1,192	7,999	1,786	6	9,791	2,994		
Michigan.....	6,971	29,415	5,658	1,718	7,303	7,309	61,235	19,048	2,646	82,929	13,529		
Minnesota.....	3,093	11,477	2,056	944	3,561	4,277	30,505	9,005	387	39,897	11,215		
Mississippi.....	1,231	5,589	2,483	321	1,605	281	12,873	5,033	733	18,639	3,347		
Missouri.....	1,524	7,146	2,151	516	1,921	1,824	16,066	3,400	95	19,561	5,617		
Montana.....	380	2,706	533	177	708	327	5,344	2,084	14	7,442	1,404		
Nebraska.....	912	4,541	1,267	322	1,476	856	10,768	3,974	207	14,949	2,137		

Nevada.....	125	592	173	250	47	287	63	1,537	525	197	2,250	81
New Hampshire.....	290	1,374	274	350	96	580	189	3,142	1,041	16	4,199	1,154
New Jersey.....	589	2,507	47	154	286	839	59	4,872	872	3	5,070	2
New Mexico.....	924	3,346	700	793	286	1,074	791	7,914	2,567	228	10,709	4,990
New York.....	3,222	26,061	263	340	1,123	4,350	282	35,581	4,913	375	40,869	5,076
North Carolina.....	1,285	9,570	2,337	3,398	752	2,480	514	20,336	8,046	237	28,619	12,554
North Dakota.....	389	3,172	1,570	566	155	1,125	247	6,233	1,627	33	7,893	1,684
Ohio.....	4,195	20,886	1,598	2,017	1,092	5,354	2,706	37,068	12,061	688	51,617	17,484
Oklahoma.....	2,205	10,082	1,564	2,349	617	2,898	907	20,682	7,710	372	28,764	10,469
Oregon.....	1,081	5,136	1,525	1,410	563	1,446	404	11,565	2,732	58	14,415	5,428
Pennsylvania.....	816	3,983	2	2	229	1,671	.....	6,701	2,681	50	9,432	901
Rhode Island.....	249	1,353	239	177	64	450	136	2,668	734	45	3,447	225
South Carolina.....	947	4,148	723	1,777	259	1,601	605	10,060	4,356	50	14,466	1,111
South Dakota.....	575	2,437	329	658	152	990	343	5,484	1,400	10	6,894	1,213
Tennessee.....	1,002	7,084	827	2,080	497	1,890	443	13,823	2,668	54	16,545	5,932
Texas.....	5,778	25,381	3,955	4,716	1,633	6,323	4,501	52,287	17,239	435	69,961	25,336
Utah.....	1,087	4,635	1,477	559	351	1,233	126	9,468	2,125	110	11,703	668
Vermont.....	259	1,397	320	346	85	450	240	3,097	769	289	4,155	.....
Virginia.....	1,259	7,769	1,666	1,915	785	2,498	4,723	20,615	5,594	863	27,072	7,576
Washington.....	2,127	12,266	3,275	1,843	956	3,659	743	24,869	7,125	1,151	33,145	9,984
West Virginia.....	1,240	5,128	672	1,222	446	1,821	171	10,700	3,229	93	14,022	3,327
Wisconsin.....	1,900	12,367	3,702	3,302	708	2,710	3,213	27,902	6,247	706	34,855	5,487
Wyoming.....	687	1,578	418	459	88	402	132	3,764	1,303	28	5,095	2,502
District of Columbia.....	60	364	.....	.....	31	83	90	628	64	1	693	4
U. S. service academies.....	1,585	8,019	.....	.....	.....	3,982	.....	13,586	4,428	.....	18,014	86
Outlying parts of the United States												
Alaska.....	105	202	275	151	16	127	22	898	136	8	1,042	316
Canal Zone.....	12	48	.....	16	3	217	.....	91	.....	.....	91	.....
Hawaii.....	319	1,490	678	620	166	217	138	3,628	607	33	4,208	185
Puerto Rico.....	931	2,587	1,050	928	141	752	275	6,664	591	1,182	8,437	1,163

Table 7.—*Current expenditures, institutions of higher education, by State: 1949-50—Continued*
 C.—PRIVATELY CONTROLLED INSTITUTIONS
 [Financial data in thousands of dollars, i.e., 000 omitted]

State	Educational and general										Auxiliary enter-prises and activities	Other nonedu-cational expenses	Total current expendi-tures	Expen-ditures for plant expan-sion
	Adminis-tration and general expense	Resident instruc-tion	Organ-ized research	Exten-sion	Libraries	Physical plant operation and main-tenance	Related activi-ties	Total educa-tional and general	8	9	10	11	12	13
1	2	3	4	5	6	7	8	9						
Continental United States	\$129,586	\$365,570	\$109,717	\$11,697	\$28,928	\$112,332	\$50,550	\$808,390			\$240,888	\$42,855	\$1,092,133	\$140,760
Alabama.....	780	2,410	42	74	197	903	76	4,482			2,657	296	7,435	874
Arizona.....	68	147			5	79		299			103		402	
Arkansas.....	505	1,059	5	3	78	313	5	1,968			1,258	212	3,438	823
California.....	7,587	21,218	8,899	4	1,855	5,037	2,783	47,383			14,142	1,709	63,234	8,239
Colorado.....	1,461	2,983	293		328	683	99	5,847			2,791	494	9,132	3,237
Connecticut.....	2,454	9,665	2,539		1,588	2,718	288	19,252			3,187	1,939	24,378	907
Delaware.....	89	146			10	50		285			154	5	454	
Florida.....	1,462	3,777	440		413	1,026	386	7,504			3,131	1,051	11,686	1,822
Georgia.....	1,884	4,935	543		423	1,222	257	8,964			3,236	311	12,511	1,935
Idaho.....	150	355			28	115		648			257	36	941	129
Illinois.....	11,362	34,006	26,134	388	2,202	9,333	4,623	88,048			17,405	3,056	108,509	10,942
Indiana.....	2,812	7,863	537	7	767	2,539	351	14,876			8,117	1,422	24,415	2,289
Iowa.....	2,118	4,667			377	1,553	508	9,223			4,657	548	14,428	2,499
Kansas.....	745	2,051	3		154	572	68	3,593			1,514	182	5,289	958
Kentucky.....	1,141	2,421	2	6	233	797	568	5,168			3,734	370	9,272	2,089
Louisiana.....	998	4,220	754	9	361	1,124	123	7,589			2,908	267	10,764	2,577
Maine.....	497	1,271			124	548	52	2,492			1,384	215	4,091	577
Maryland.....	1,907	5,321	9,369	11	419	1,605	460	19,092			2,696	889	22,677	1,874
Massachusetts.....	13,014	30,839	16,276	19	2,964	13,045	1,539	77,696			21,125	5,059	103,880	12,402
Michigan.....	2,041	6,567	115		296	1,957	446	11,422			3,512	506	15,440	3,812
Minnesota.....	1,656	4,494	13	1	361	1,507	147	8,179			5,250	622	14,051	1,784
Mississippi.....	379	1,057	1	12	66	345	16	1,876			812	98	2,786	166
Missouri.....	3,808	12,190	1,014	376	727	3,061	2,069	23,245			7,825	1,031	31,801	4,076
Montana.....	95	195			22	61		373			155	21	549	7
Nebraska.....	760	2,073	32	1	141	682	78	3,767			1,740	183	5,690	628

Nevada.....	902	2,195	29	1,166	253	611	154	4,144	1,959	234	6,337	770
New Hampshire.....	4,401	10,958	3,473	1,166	1,010	3,985	365	25,358	10,310	2,431	38,099	2,907
New Jersey.....	44	101	101	.....	8	49	.....	202	5	7	214	.....
New Mexico.....	26,339	70,767	24,728	4,679	5,139	22,224	10,201	164,077	32,180	8,090	204,347	16,244
New York.....	2,423	6,866	885	10	663	2,051	2,565	15,463	6,343	1,008	22,814	2,908
North Carolina.....	54	159	.....	.....	8	59	2	282	116	10	408	21
North Dakota.....	5,983	15,475	1,592	164	1,310	4,848	419	29,691	11,788	1,674	43,153	5,891
Ohio.....	579	2,093	.....	.....	161	361	.....	3,104	1,715	261	5,080	2,421
Oklahoma.....	776	2,137	128	16	215	667	3	3,942	1,627	366	5,935	493
Oregon.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pennsylvania.....	11,606	42,115	8,792	4,297	2,609	12,078	11,889	93,437	21,901	3,557	118,895	21,383
Rhode Island.....	1,341	2,818	364	16	345	869	14	5,767	2,720	291	8,778	873
South Carolina.....	887	2,406	.....	.....	138	889	28	4,368	2,404	188	6,960	824
South Dakota.....	312	667	.....	.....	45	237	3	1,264	400	55	1,719	385
Tennessee.....	2,521	5,929	700	23	485	1,935	4,342	15,935	6,569	663	23,167	2,586
Texas.....	3,134	10,228	225	58	688	2,543	178	17,054	8,186	709	25,949	10,553
Utah.....	227	1,151	1	71	71	271	47	1,839	1,259	7	3,105	957
Vermont.....	573	1,365	35	.....	105	543	.....	2,621	1,451	129	4,201	430
Virginia.....	1,903	4,242	162	18	290	1,834	141	8,590	4,102	630	13,322	794
Washington.....	811	2,400	1	.....	150	746	.....	4,108	2,461	389	6,958	788
West Virginia.....	535	1,167	.....	2	83	428	181	2,396	1,296	356	4,048	627
Wisconsin.....	1,854	5,241	342	7	323	1,554	383	9,704	3,007	482	13,193	1,862
Wyoming.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
District of Columbia.....	3,008	9,250	1,249	259	619	2,675	4,703	21,763	5,639	796	28,198	2,297
Outlying part of the United States.....	40	99	.....	.....	11	28	10	188	248	6	442	33
Puerto Rico.....	40	99	.....	.....	11	28	10	188	248	6	442	33

Table 8.—Plant fund expenditures, institutions of higher education, by type, control, and State: 1949-50

[Financial data in thousands of dollars, i.e., 000 omitted]

State	Total for all institutions	Universities, colleges, and professional schools		Teachers colleges		Junior colleges and normal schools	
		Pub. lly controlled	Pri- vately controlled	Pub- lly controlled	Pri- vately controlled	Pub- lly controlled	Pri- vately controlled
1	2	3	4	5	6	7	8
Continental United States.....	\$416, 831	\$223, 549	\$134, 711	\$32, 370	\$957	\$20, 152	\$5, 092
Alabama.....	5, 916	4, 494	865	548			9
Arizona.....	3, 000	1, 374		1, 612		14	
Arkansas.....	3, 946	2, 138	823	772		213	
California.....	40, 677	21, 606	8, 148			10, 832	91
Colorado.....	6, 629	2, 634	3, 229	171		587	8
Connecticut.....	8, 893	7, 240	898	746			9
Delaware.....	360	360					
Florida.....	9, 660	7, 835	1, 641			3	181
Georgia.....	4, 284	1, 987	1, 851	9		353	84
Idaho.....	3, 092	2, 488	129	25		450	
Illinois.....	25, 765	9, 842	10, 851	4, 716	66	265	25
Indiana.....	10, 474	6, 887	2, 284	1, 298			5
Iowa.....	8, 268	5, 460	2, 196	306		3	303
Kansas.....	4, 452	3, 257	336	233		4	622
Kentucky.....	3, 114	309	1, 909	714		2	180
Louisiana.....	6, 140	3, 563	2, 577				
Maine.....	2, 038	1, 452	561	9			16
Maryland.....	7, 617	5, 548	1, 874	174		21	
Massachusetts.....	15, 396	2, 958	11, 847	34	156	2	399
Michigan.....	17, 341	12, 323	3, 788	1, 199		7	24
Minnesota.....	12, 999	10, 098	1, 407	1, 106	351	11	26
Mississippi.....	3, 513	2, 484	144	696		167	22
Missouri.....	9, 693	4, 473	3, 524	1, 138		6	552
Montana.....	1, 411	1, 033	7	159		212	
Nebraska.....	2, 765	1, 826	560	301	67	10	1
Nevada.....	81	81					
New Hampshire.....	1, 924	1, 137	325	17			445
New Jersey.....	2, 909		2, 826	1	3	1	78
New Mexico.....	4, 990	4, 329		656		5	
New York.....	21, 320	2, 788	15, 873	1, 969	96	319	275
North Carolina.....	15, 552	10, 338	2, 686	2, 185		31	312
North Dakota.....	1, 705	1, 150	21	316		218	
Ohio.....	23, 375	17, 484	5, 889				2
Oklahoma.....	12, 890	9, 501	2, 421	780		188	
Oregon.....	5, 921	4, 300	439	229		899	54
Pennsylvania.....	22, 284		21, 261	901			122
Rhode Island.....	1, 098	219	873	6			
South Carolina.....	1, 935	1, 111	802				22
South Dakota.....	1, 608	905	369	308			26
Tennessee.....	8, 518	4, 690	1, 907	1, 242	63		616
Texas.....	35, 889	17, 359	10, 456	4, 259		3, 718	97
Utah.....	1, 625	620	957			48	
Vermont.....	430		398				32
Virginia.....	8, 370	6, 810	667	766			127
Washington.....	10, 772	7, 251	639	1, 179	149	1, 554	
West Virginia.....	3, 954	2, 869	627	458			
Wisconsin.....	7, 349	4, 351	1, 841	1, 128	6	8	15
Wyoming.....	2, 502	2, 501				1	
District of Columbia.....	2, 301		1, 985	4			312
U.S. service academies.....	86	86					
Outlying parts of the United States.....	1, 697	1, 664	33				
Alaska.....	316	316					
Hawaii.....	185						
Puerto Rico.....	1, 196	1, 163	33				

Table 9.—Property, institutions of higher education, by States: 1949-50—

A.—ALL INSTITUTIONS

[Financial data in thousands of dollars, i.e., 000 omitted]

State	Plant and plant funds			Endowment and other nonexpendable funds	Student loan funds	Total plant, plant funds and nonexpendable funds
	Book value of physical plant	Unexpended plant funds	Total			
1	2	3	4	5	6	7
Continental United States.....	\$4, 799, 964	\$472, 626	\$5, 272, 590	\$2, 601, 223	\$43, 100	\$7, 916, 913
Alabama.....	62, 907	3, 569	66, 476	23, 060	757	90, 293
Arizona.....	15, 694	3, 611	19, 305	213	36	19, 554
Arkansas.....	36, 807	2, 105	38, 912	7, 549	512	46, 973
California.....	313, 828	98, 423	412, 251	153, 495	2, 027	567, 773
Colorado.....	59, 817	2, 006	61, 823	8, 286	323	70, 432
Connecticut.....	124, 126	10, 019	134, 145	147, 788	1, 497	283, 430
Delaware.....	7, 931	1, 281	9, 212	4, 759	16	13, 987
Florida.....	79, 293	4, 256	83, 549	6, 921	420	90, 890
Georgia.....	85, 094	1, 690	86, 784	51, 949	2, 373	141, 106
Idaho.....	28, 457	2, 071	30, 528	7, 029	58	37, 615
Illinois.....	291, 757	22, 834	314, 591	191, 455	1, 994	508, 040
Indiana.....	142, 560	6, 720	149, 280	39, 889	917	190, 086
Iowa.....	92, 301	7, 270	99, 571	24, 335	645	124, 551
Kansas.....	56, 088	10, 161	66, 249	9, 142	484	75, 875
Kentucky.....	49, 578	1, 980	51, 558	30, 572	685	82, 815
Louisiana.....	90, 105	2, 812	92, 917	24, 752	452	118, 121
Maine.....	23, 724	1, 187	24, 911	20, 084	114	45, 109
Maryland.....	79, 552	14, 342	93, 894	46, 821	187	140, 902
Massachusetts.....	156, 278	6, 747	163, 025	376, 515	4, 337	543, 877
Michigan.....	237, 796	9, 078	246, 874	36, 394	1, 476	284, 744
Minnesota.....	119, 985	13, 714	133, 699	54, 640	1, 009	189, 348
Mississippi.....	42, 979	3, 729	46, 708	5, 576	86	52, 370
Missouri.....	135, 576	6, 211	141, 787	54, 386	1, 998	198, 171
Montana.....	18, 623	344	18, 967	5, 048	102	24, 117
Nebraska.....	38, 411	1, 186	39, 597	8, 648	355	48, 600
Nevada.....	3, 313	47	3, 360	970	100	4, 430
New Hampshire.....	24, 843	257	25, 100	29, 174	777	55, 051
New Jersey.....	76, 911	2, 909	79, 820	75, 689	1, 274	156, 783
New Mexico.....	20, 309	1, 010	21, 319	3, 695	18	25, 032
New York.....	452, 979	32, 909	485, 888	369, 113	3, 996	858, 997
North Carolina.....	140, 576	35, 066	175, 642	84, 768	1, 802	262, 212
North Dakota.....	22, 627	2, 069	24, 696	6, 837	102	31, 635
Ohio.....	211, 024	10, 259	221, 283	104, 312	1, 623	327, 218
Oklahoma.....	96, 349	13, 648	109, 997	15, 765	671	126, 433
Oregon.....	55, 272	5, 727	60, 999	7, 274	478	68, 751
Pennsylvania.....	316, 777	23, 950	340, 727	161, 590	1, 806	504, 123
Rhode Island.....	27, 494	1, 435	28, 929	16, 132	150	45, 211
South Carolina.....	57, 011	3, 993	61, 004	11, 882	305	73, 191
South Dakota.....	18, 414	3, 159	21, 573	4, 522	157	26, 252
Tennessee.....	96, 436	4, 961	101, 397	62, 777	2, 168	166, 342
Texas.....	236, 411	53, 905	290, 316	183, 597	1, 944	475, 857
Utah.....	24, 895	88	24, 983	949	150	26, 082
Vermont.....	13, 736	252	13, 988	10, 405	222	24, 615
Virginia.....	101, 529	13, 738	115, 267	52, 036	1, 229	168, 532
Washington.....	100, 124	4, 771	104, 895	18, 377	410	123, 682
West Virginia.....	44, 667	1, 411	46, 078	4, 225	100	50, 403
Wisconsin.....	104, 919	17, 847	122, 766	21, 633	475	144, 874
Wyoming.....	14, 027	1, 276	15, 303	3, 505	55	18, 863
District of Columbia.....	51, 936	593	52, 529	12, 690	228	65, 447
U.S. service academies.....	98, 118		98, 118			98, 118
Outlying parts of the United States.....	21, 017	2, 423	23, 440	2, 875	75	26, 390
Alaska.....	1, 961	27	1, 988	1	17	2, 006
Canal Zone.....	750		750			750
Hawaii.....	6, 642	21	6, 663	166	26	6, 855
Puerto Rico.....	11, 664	2, 375	14, 039	2, 708	32	16, 779

Table 9.—Property, institutions of higher education, by States: 1949-50—Continued

B.—PUBLICLY CONTROLLED INSTITUTIONS

[Financial data in thousands of dollars, i.e., 000 omitted]

State	Plant and plant funds			Endowment and other nonexpendable funds	Student loan funds	Total plant, plant funds and nonexpendable funds
	Book value of physical plant	Unexpended plant funds	Total			
1	2	3	4	5	6	7
Continental United States	\$2, 533, 402	\$353, 007	\$2, 886, 409	\$399, 213	\$14, 445	\$3, 300, 067
Alabama.....	42, 854	2, 951	45, 805	8, 901	718	55, 424
Arizona.....	15, 694	3, 611	19, 305	213	36	19, 554
Arkansas.....	26, 431	1, 798	28, 229	2, 633	118	30, 980
California.....	195, 648	91, 018	286, 666	54, 917	645	342, 228
Colorado.....	42, 808	1, 961	44, 769	1, 715	279	46, 763
Connecticut.....	32, 139	8, 150	40, 289	160	37	40, 486
Delaware.....	7, 463	1, 281	8, 744	4, 639	14	13, 397
Florida.....	51, 462	4, 019	55, 481	660	215	56, 356
Georgia.....	45, 181	838	46, 019	3, 186	1, 083	50, 288
Idaho.....	26, 438	1, 879	28, 317	6, 410	42	34, 769
Illinois.....	116, 002	14, 482	130, 484	2, 806	581	133, 871
Indiana.....	88, 183	3, 209	91, 392	7, 830	396	99, 618
Iowa.....	62, 979	6, 014	68, 993	3, 208	302	72, 503
Kansas.....	38, 831	9, 761	48, 592	2, 364	317	51, 273
Kentucky.....	24, 808	28	24, 836	2, 666	194	27, 696
Louisiana.....	61, 583	1, 796	63, 379	329	277	63, 985
Maine.....	11, 777	364	12, 141	1, 499	40	13, 680
Maryland.....	40, 701	11, 506	52, 207	3, 326	44	55, 577
Massachusetts.....	16, 767	1, 172	17, 939	401	17	18, 357
Michigan.....	199, 376	8, 201	207, 577	22, 428	1, 083	231, 088
Minnesota.....	85, 358	7, 834	93, 192	38, 617	566	132, 375
Mississippi.....	33, 979	2, 951	36, 930	1, 411	50	38, 391
Missouri.....	61, 917	3, 326	65, 243	2, 800	445	68, 488
Montana.....	16, 048	344	16, 392	3, 782	50	20, 224
Nebraska.....	26, 668	662	27, 330	1, 589	223	29, 142
Nevada.....	3, 313	47	3, 360	970	100	4, 430
New Hampshire.....	11, 334	237	11, 571	1, 506	464	13, 541
New Jersey.....	8, 117	.....	8, 117	112	20	8, 249
New Mexico.....	19, 917	1, 010	20, 927	3, 695	18	24, 640
New York.....	80, 032	15, 152	95, 184	1, 039	63	96, 286
North Carolina.....	73, 408	32, 535	105, 943	4, 738	847	111, 528
North Dakota.....	21, 239	2, 069	23, 308	5, 310	81	28, 699
Ohio.....	116, 700	3, 625	120, 325	13, 797	391	134, 513
Oklahoma.....	81, 103	13, 293	94, 396	11, 351	568	106, 315
Oregon.....	42, 530	5, 578	48, 108	1, 430	358	49, 896
Pennsylvania.....	35, 322	820	36, 142	483	125	36, 750
Rhode Island.....	9, 970	.....	9, 970	51	17	10, 038
South Carolina.....	36, 764	3, 257	40, 021	1, 263	153	41, 437
South Dakota.....	13, 566	2, 895	16, 461	1, 750	51	18, 262
Tennessee.....	48, 102	2, 020	50, 122	641	646	51, 409
Texas.....	157, 178	48, 067	205, 245	123, 248	1, 076	329, 569
Utah.....	18, 466	77	18, 543	542	92	19, 177
Vermont.....	5, 881	46	5, 927	4, 459	195	10, 581
Virginia.....	69, 459	12, 562	82, 021	19, 886	875	102, 782
Washington.....	84, 068	3, 967	88, 035	14, 855	174	103, 064
West Virginia.....	38, 954	806	39, 760	125	27	39, 912
Wisconsin.....	72, 989	14, 512	87, 501	5, 967	277	93, 745
Wyoming.....	14, 027	1, 276	15, 303	3, 505	55	18, 863
District of Columbia.....	1, 750	.....	1, 750	.....	.....	1, 750
U.S. service academies.....	98, 118	.....	98, 118	.....	.....	98, 118
Outlying parts of the United States	20, 192	2, 340	22, 532	2, 514	57	25, 103
Alaska.....	1, 961	27	1, 988	1	17	2, 006
Canal Zone.....	750	.....	750	.....	.....	750
Hawaii.....	6, 642	21	6, 663	166	26	6, 855
Puerto Rico.....	10, 839	2, 292	13, 131	2, 347	14	15, 492

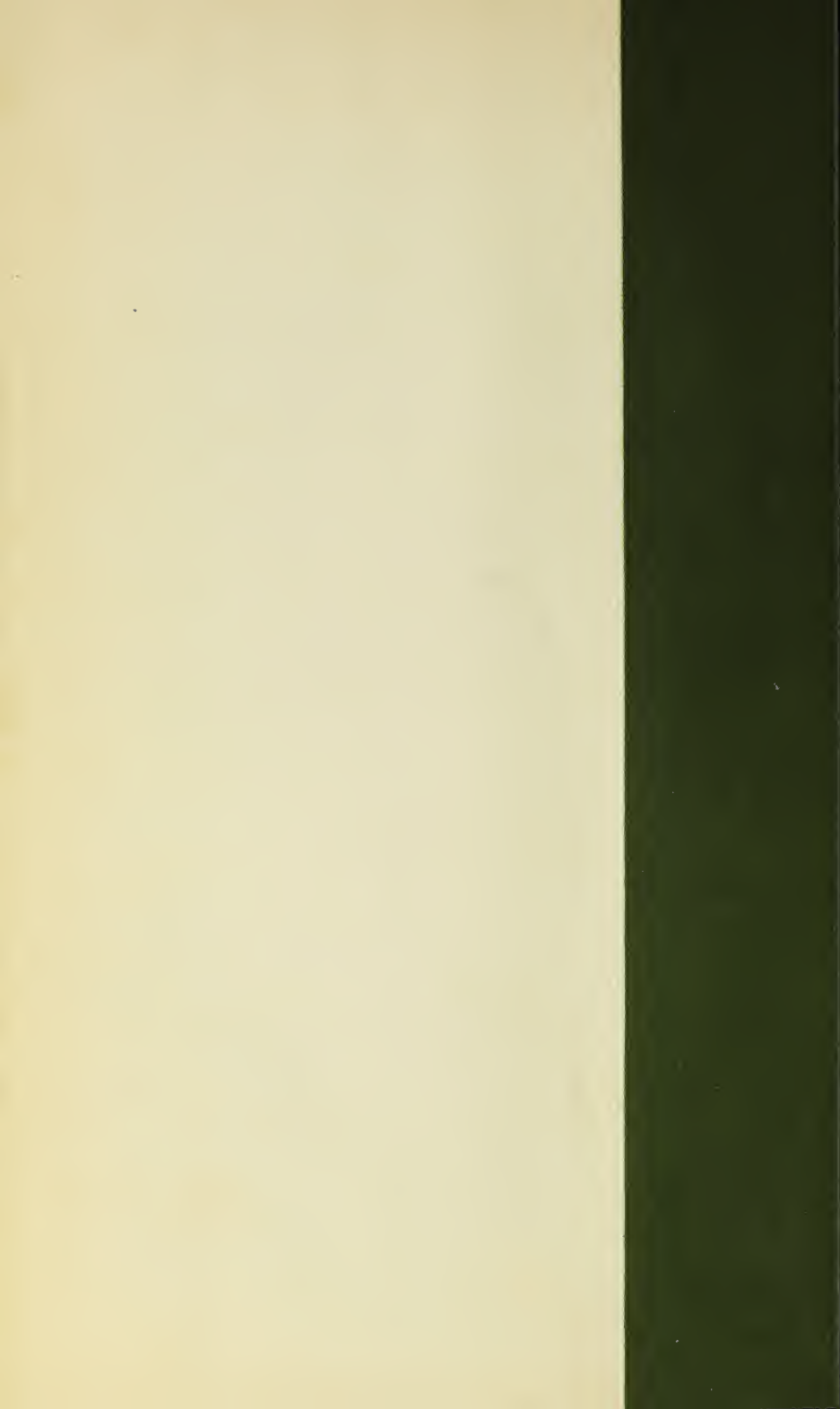
Table 9.—Property, institutions of higher education, by States: 1949-50—Continued

C.—PRIVATELY CONTROLLED INSTITUTIONS

[Financial data in thousands of dollars, i.e., 000 omitted]

State	Plant and plant funds			Endowment and other nonexpendable funds	Student loan funds	Total plant, plant funds and nonexpendable funds
	Book value of physical plant	Unexpended plant funds	Total			
1	2	3	4	5	6	7
Continental United States.....	\$2,266,562	\$119,619	\$2,386,181	\$2,202,010	\$28,655	\$4,616,846
Alabama.....	20,053	618	20,671	14,159	39	34,869
Arizona.....						
Arkansas.....	10,376	307	10,683	4,916	394	15,993
California.....	118,180	7,405	125,585	98,578	1,382	225,545
Colorado.....	17,009	45	17,054	6,571	44	23,669
Connecticut.....	91,987	1,869	93,856	147,628	1,460	242,944
Delaware.....	468		468	120	2	590
Florida.....	27,831	237	28,068	6,261	205	34,534
Georgia.....	39,913	852	40,765	48,763	1,290	90,818
Idaho.....	2,019	192	2,211	619	16	2,846
Illinois.....	175,755	8,352	184,107	188,649	1,413	374,169
Indiana.....	54,377	3,511	57,888	32,059	521	90,468
Iowa.....	29,322	1,256	30,578	21,127	343	52,048
Kansas.....	17,257	400	17,657	6,778	167	24,602
Kentucky.....	24,770	1,952	26,722	27,906	491	55,119
Louisiana.....	28,522	1,016	29,538	24,423	175	54,136
Maine.....	11,947	823	12,770	18,585	74	31,429
Maryland.....	38,851	2,836	41,687	43,495	143	85,325
Massachusetts.....	139,511	5,575	145,086	376,114	4,320	525,520
Michigan.....	38,420	877	39,297	13,966	393	53,656
Minnesota.....	34,627	5,880	40,507	16,023	443	56,973
Mississippi.....	9,000	778	9,778	4,165	36	13,979
Missouri.....	73,659	2,885	76,544	51,586	1,553	129,683
Montana.....	2,575		2,575	1,266	52	3,893
Nebraska.....	11,743	524	12,267	7,059	132	19,458
Nevada.....						
New Hampshire.....	13,509	20	13,529	27,668	313	41,510
New Jersey.....	68,794	2,909	71,703	75,577	1,254	148,534
New Mexico.....	392		392			392
New York.....	372,947	17,757	390,704	368,074	3,933	762,711
North Carolina.....	67,168	2,531	69,699	80,030	955	150,684
North Dakota.....	1,388		1,388	1,527	21	2,936
Ohio.....	94,324	6,634	100,958	90,515	1,232	192,705
Oklahoma.....	15,246	355	15,601	4,414	103	20,118
Oregon.....	12,742	149	12,891	5,844	120	18,855
Pennsylvania.....	281,455	23,130	304,585	161,107	1,681	467,373
Rhode Island.....	17,524	1,435	18,959	16,081	133	35,173
South Carolina.....	20,247	736	20,983	10,619	152	31,754
South Dakota.....	4,848	264	5,112	2,772	106	7,990
Tennessee.....	48,334	2,941	51,275	62,136	1,522	114,933
Texas.....	79,233	5,838	85,071	60,349	868	146,288
Utah.....	6,429	11	6,440	407	58	6,905
Vermont.....	7,855	206	8,061	5,946	27	14,034
Virginia.....	32,070	1,176	33,246	32,150	354	65,750
Washington.....	16,056	804	16,860	3,522	236	20,618
West Virginia.....	5,713	605	6,318	4,100	73	10,491
Wisconsin.....	31,930	3,335	35,265	15,666	198	51,129
Wyoming.....						
District of Columbia.....	50,186	593	50,779	12,690	228	63,697
Outlying part of the United States.....	825	83	908	361	18	1,287
Puerto Rico.....	825	83	908	361	18	1,287





Biennial Survey of Education in the United States—1948-50

Chapter 5

Offerings
and Enrollments
in High-School
Subjects

1948-49

Chapter 5 of the Biennial Survey, relating to 1948-49, has been printed in advance of Chapters 1, 2, 3, and 4, which will relate to 1949-50. All chapters will be printed in the order in which they are completed.

Chapter 5

Offerings
and Enrollments
in
High-School Subjects

*Statistical aspects of study executed by MABEL C. RICE, Survey Statistician,
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FOREWORD

THIS is the tenth survey by the Office of Education of offerings and enrollments in high-school subjects. The first survey covered the school year 1889-90; the most recent survey covered the school year 1933-34; the present survey covers the school year 1948-49. Between the present survey and the most recent one lies a gap of 15 years—too wide for comfort, but explained by the Great Depression of the 30's and the dislocation during and after World War II.

The present study differs from its predecessors in several respects:

(1) In addition to the traditional presentation of data for all public secondary day schools, by State, the present report supplies certain data by type of secondary school (junior high school, regular, etc.). (See tables 1, 2, and 4.)

(2) The list of subjects for which data are given has been expanded. This expansion arises, in small part, from somewhat greater detail in the classification of subjects; in this connection, particular attention may be called to the replacement of the single category, "Industrial Subjects," by the two subject fields, "Industrial Arts—Nonvocational" and "Trade and Industrial Education—Vocational." Mainly, however, the expansion in the list of subjects arises from the recognition by today's schools that the more or less standard college-preparatory curriculum of the past is no longer adequate for all pupils; and that a richly varied curricular offering is essential to meet the varied needs of today's high-school pupils.

(3) The present study does not include data for the outlying parts of the United States (Alaska, Canal Zone, Guam, Hawaii, Puerto Rico, and the Virgin Islands).

(4) On the statistical-methodological side, two innovations have been introduced: (a) Because the number of public secondary day schools, including junior high schools, is now so great (upward of 24,000), it was necessary to make partial use of a sampling procedure. Requests were mailed to each school with a total enrollment of 500 or more (according to Office of Education records as of 1945-46); and to a *random 50 percent sample* of schools with a total enrollment of fewer than 500. The returns from the latter group of schools were, of course, doubled to take care of the sampling factor. (b) Adjustment was made for nonresponse by schools that had been requested to supply data but failed to do so. The method of adjustment is described in the text of this report.

The present report on secondary school offerings and enrollments attempts to preserve whatever historical values may reside in the survey; but the reader is warned that the historical conclusions to be gleaned from the survey are occasionally precarious. Subjects which have retained the same title over the years may change in content, in emphasis, in method of instruction, and in integration with other subjects or with daily living; while a new subject may really differ only slightly from a previous subject of a different name. The main purpose of this survey is to report the present facts, rather than to provide a fully comparable, historical series.

The present report will prove useful not only to students of the secondary school curriculum, but also to the segments of commerce and industry concerned with furnishing secondary schools with necessary supplies and equipment. Textbook publishers, in particular, have shown great interest in the kind of information provided by the present report.

The Office of Education is deeply grateful to the thousands of secondary school principals who supplied the data on which the present report is based. Without their intelligent and willing cooperation, this report could not have been prepared.

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Offerings and Enrollments in High-School Subjects¹

Scope and Method of Study

THE 1948-49 SURVEY of offerings and enrollments in high-school subjects was designed to provide information concerning (a) the subjects offered in public high schools; (b) the number of pupils taking each subject; and (c) trends in subject enrollments as compared with the last survey of the kind which was made in 1933-34.

Principals were asked to report data for the second semester of the school year 1948-49, as of the date during that semester when they filled out the report. In addition, they were asked to report first-semester data for any half-year courses taught the first semester only, as of the closing date of the first semester.

The mailing list used for the inquiry was the same as that used for the study, *Statistics of Public High Schools, 1945-46*.² In 1948-49, the school year covered by the survey, the mailing list was 3 years old, but the number and location of high schools changed but little during that length of time. Ungraded and evening graded high schools were excluded from the basic mailing list. Of the schools remaining, a questionnaire was sent to each school reported as enrolling 500 or more pupils (a total of 3,615 schools) and to half of the schools reported as enrolling fewer than 500 pupils (a total of 10,134 schools).

Questionnaires were first mailed on February 7 and 8, 1949. Two follow-up mailings were sent to nonrespondent schools on April 6 and 7, 1949, and May 6, 1949, with third and fourth follow-ups only to the large schools (enrollment of 500 or more) on June 7, 1949, and October 18, 1949. The percentage of response may be considered good. Usable returns were obtained from 91.8 percent of the large schools (enrolling 500 or more pupils), from 75.1 percent of the small schools (enrolling fewer

¹ Such surveys of offerings and enrollments as were conducted from 1890 to 1915 were published in the Annual Report of the Commissioner of Education, of appropriate date. Subsequent surveys were, like the present one, published in the Biennial Survey of Education, of appropriate date; except that the most recent study in this series was, because of delay in completion, printed separately as Bulletin 1938, No. 6 (U. S. Department of the Interior, Office of Education).

² This mailing list (with minor exceptions) is given in *Directory of Secondary Schools in the United States*. U. S. Office of Education Circular 250, January 1949.

than 500 pupils), and from 79.5 percent of the total number of schools circularized. The schools furnishing usable returns included 91.8 percent of the enrollment in the large schools (the same as the percentage of large schools responding); 82.1 percent of the enrollment in the small schools; and 89.5 percent of the enrollment in the total number of schools circularized.

The data were punched into IBM cards and tabulated, and the resulting figures were enlarged to secure data for all the public secondary schools in the United States. In adjusting for nonresponse, the poorer response rate of the smaller high schools was taken into account by classifying the high schools into 16 different size groups, separately for each State and for the three types of school organization, and making a separate adjustment for each of the groups.³

As in the 1934 investigation, which for the first time collected data concerning subject enrollments in the seventh and eighth grades of junior high schools and undivided high schools, enrollments reported from grades 7 and 8 of systems organized on the 11-year plan have been classified under "grades 8 and 9."

The questionnaire used in the study included a reasonably complete list of 118 specifically named courses classified under 13 general subject fields. Space was left so that respondents could record the names of other courses offered in their schools. Only courses recognized definitely as part of the curriculum of the school were to be reported: thus such classes as band and orchestra were not to be reported if they were regarded as extra-classes.

Many of the respondents reported courses in addition to those listed on the questionnaire, and it was not feasible to retain the names of all subjects reported. Efforts were made to retain those which represented significant changes, such as the decline of older subjects or the increase of newer ones. Subjects were retained in the areas or fields in which they were reported. For example, when driver training was reported under health, safety, and physical education, it was classified there; when it was reported under industrial arts, it was included in that category (under automobile mechanics). The same procedure was followed when general language was reported under both foreign languages and under English. The data were finally classified under 274 specific subject-headings as indicated in the appendix. Of these specific subjects, 194 were reported by schools in 15 or more States; 80 in fewer than 15 States. The 1934 investigation included a total of 206 individual subjects.

It is difficult enough for high-school principals to know the content of subjects in the schools they administer. Obviously there are additional

³ If between 1945-46 and the date of inquiry (1948-49) a school had changed its type of organization, it was classified for this study according to its 1948-49 organization. Similarly, if a school's size-classification (in terms of total enrollment) changed between 1945-46 and the date of the inquiry, the change in size was correspondingly taken into account.

difficulties involved in drawing valid conclusions from a Nationwide investigation of subjects offered and the enrollments in them. Sometimes the name of a subject changes although the content does not; occasionally the content of a subject changes although the name does not. Likewise, one school may draw upon related materials and enrich a course so that it will include several different subjects (although to a lesser degree of intensity) while another school will follow conventional textbook material more closely. However, some types of inference may be made with reasonable assurance.

Through the years changes are few in number and of minor nature in many subjects such as typewriting, shorthand, Latin, and algebra. The differences among the subject fields are comparatively stable; for example, the content of industrial arts subjects does not change enough to cause any difficulty in distinguishing that subject field from foreign languages. And when subjects appear for the first time and in many States as did driver training, conservation, and consumer buying, one can be reasonably sure that there has been an increase in systematic efforts to treat these subjects even though incidental attention may have been given to them before.

Reading the Tables

Table 1 gives enrollment in public secondary day schools by State, and by type of school. The schools have been classified into three groups as follows: (a) junior high schools; (b) regular (4-year) high schools and senior high schools; and (c) junior-senior and undivided high schools.

In table 2 is presented a summary of national data for subjects offered in at least 15 States, by type of secondary school. The table should be read as follows: There are enrolled in junior high schools 1,257,134 pupils (column 2); enrolled in seventh-grade English are 424,672 pupils (also column 2), who constitute 33.8 percent (column 3) of the total enrollment in junior high schools.

When percentage enrollment figures are used in connection with 1949 data, in all instances except in trade and industrial education subjects the references are to subjects which were taught in as many as 15 States. Except in trade and industrial education, the enrollments in individual subjects taught in fewer than 15 States were so small that they had a negligible influence on percentages in broad subject fields.

At a given time pupils often take more than one subject in a single broad subject field. For example, during the same semester a pupil may take a course in health, a course in safety, a course in driver training, and a course in physical education. As a result, the total enrollments in a subject field often amount to more than 100 percent of the pupils enrolled in the school.

It is generally true that in a particular subject field the total enrollment in junior high schools amounts to a larger percentage of all pupils in junior high schools than is the case for regular and senior high schools. For example, in junior high schools the total enrollment in subjects in the field of health, safety, and physical education amounts to 143.8 percent of the total junior high school enrollment; in regular and senior high schools, the total enrollment in subjects in the field of health, safety, and physical education equals 105.1 percent of the pupils. In junior high schools the total enrollment in subjects in the field of social studies amounts to 127.7 percent of the pupils; in regular and senior high schools the corresponding figure is but 88.9 percent. Percentage enrollments in junior high schools exceed those in regular and senior high schools in all subject fields except foreign languages, trade and industrial education, business education, and agriculture.

In all public secondary schools together, enrollments total more than 100 percent of the number of pupils enrolled in the schools not only in health, safety, and physical education, but in English and the social studies as well. In each of the fields of mathematics and science enrollments are more than half the total enrollment of pupils. Subject fields in each of which enrollments amount to 25 to 50 percent of the total enrollment of pupils are business education, music, and industrial arts.

In table 3 are presented detailed data, by State, for all public secondary day schools combined, regarding the 194 subjects which in 1949 were reported by schools in 15 or more States. In the report of the subject investigations made by the Office of Education in 1934, similar data were presented concerning 111 subjects which at that time were reported by schools in 15 or more States.

In table 4 are presented data, by State and by type of school, for all public secondary day schools, regarding 80 subjects which in 1949 were reported by schools in fewer than 15 States. In the 1934 investigation similar data were shown concerning 95 subjects which at that time were reported by schools in fewer than 15 States.

The primary purpose of the present investigation was not historical in nature; it was to find the number of pupils enrolled in each high-school subject for the school year 1948-49. Nevertheless efforts have been made, in tables 5, 6, and 7 to provide data comparable to those in earlier subject investigations made by the Office of Education. In all investigations prior to 1934 data were limited to enrollments in the last 4 years of high school. In tables 5 and 7 are presented comparable data concerning subjects offered during the last 4 years of high school. Table 6 presents data on a 6-year basis for those fields in which enrollments in grades 7 and 8 could not be separated from those in the last 4 years. In tables 5 and 6 are presented, by State, the percentage of pupils taking certain

subjects offered in 15 or more States in 1948-49. In table 7 are data from eight national investigations made by the Office of Education.

For the last four investigations reported in table 7 the data are much more complete than for the first four. As the number of subject offerings has increased, the disposition has been to collect more nearly complete statistics regarding them. However, the data from the present investigation are in a few cases not sufficiently refined for purposes of comparison. For example, among the current data it was not feasible to separate all the ninth-grade enrollments in community civics from those for the seventh and eighth grades. Although the same difficulties existed in the case of industrial arts subjects, it was possible to make a defensible estimate for the last 4 years of high school in those subjects. Since previous investigations did not distinguish between general industrial arts subjects and trade and industrial education subjects, it was necessary to include them in one category in the historical table.

Reference has previously been made to the difficulties involved in making inferences from the data presented in this investigation. Obviously special caution should be used in drawing conclusions from the historical table. Because subjects are represented in table 7 only as they have from time to time been judged important in the number of their enrollments, many desirable details are missing. It is possible to do little more than trace the broad outlines of most of the changes which have occurred.

Percentage enrollments in the different investigations reported in the historical table are not precisely comparable. Beginning with 1910 and until the present investigation, the percentage of pupils in each subject is based upon the number of pupils in the schools reporting subject enrollments. For example, the subject percentages in the 1934 investigation are based upon 80 percent of the total number of pupils attending high school in 1934. The present investigation is based upon data for the total universe of public secondary schools in the United States. If the data for the 1934 investigation had been enlarged as were those for the present investigation some of the subject percentages for 1934 probably would have varied slightly.

Table I presents data on subjects included in a special type of curriculum organization—a core program. Information as to schools offering such programs was gathered for the first time in the present investigation. The table includes data by State and by subject for an estimated 833 schools which use the core.

In the appendix is a list of all the subjects for which enrollments were reported by high-school principals. It was not feasible to retain all these subjects and report enrollments for them in the summary tables. In most of them comparatively few pupils were enrolled and all of them

have been included in the 274 selected subject-titles presented in the tables. By referring to the appendix the reader can learn the classification given each subject-title. The broad subject fields are listed in capital letters. The 274 subject-titles included in the subject fields are given to the first indentation. The second indentation indicates the classification of courses not reported in the tables as subject-titles.

The 13 broad subject fields under which the 274 selected subject-titles were classified are threads which run through the tables briefly described. The salient facts concerning the present and previous status of each subject field will be presented.

Offerings and Enrollments in Subject Fields

English

In table 2 the reported enrollment in regular seventh- and eighth-grade English classes is the same as the total enrollment in those grades. Since many seventh and eighth grades are a part of an elementary school and are therefore not included in this study, enrollments in each of these grades are considerably less than are those in each of the last 4 years of high school.⁴ In each of the last 4 years, the enrollment in regular English classes is slightly less than the total enrollment in the respective grades.⁵ This is accounted for by the fact that in each of the grades some pupils are enrolled in special English subjects, such as remedial English, business English, dramatic art, journalism, public speaking, etc., as well as the fact that in the twelfth grade especially regular English is often not a required subject. The junior high school enrollments in all subjects in the general field of English are 105.8 percent of the total pupil enrollment in the junior high schools. In addition to their regular English courses probably penmanship is the subject junior high school pupils take most. In regular and senior high schools, enrollments in all subjects in the general field of English are 101.3 percent of the total pupil enrollment in these high schools. In junior-senior and undivided high schools, this percentage figure is 102.7; and for all public secondary day schools combined, it is 102.5.

Of the special subjects in the field of English, the largest enrollments are in speech and public speaking, journalism, and dramatic art, in that order. While these are typically upper-grade subjects, they are reported in a few instances in the junior high school, separate from the regular

⁴ Wherever seventh and eighth grades are mentioned hereafter they will refer to seventh and eighth grades which are a part of a secondary school organization.

⁵ Total enrollment: seventh grade, 738,224; eighth grade, 770,157; ninth grade, 1,641,406; tenth grade, 1,490,628; eleventh grade, 1,241,505; twelfth grade, 1,025,913.

(In schools with an 11-year system, pupils in the eighth year were tabulated under grade 9, the ninth year under grade 10, etc.) These figures will be referred to later in this bulletin.

English class. Some of this is due to the fact that the tenth grade is included in a few junior high schools. Penmanship appears prominently in junior high school and to a lesser degree in other types of schools. Remedial English is taken more often by pupils in regular and senior high schools than in the other types, 0.7 percent of all pupils in these schools being enrolled in remedial English classes. It will be noted that enrollments in other special subjects in the English area are relatively small.

In table 3 are shown, by State, the enrollments in subjects offered in 15 or more States in 1949. Since a similar table was presented in the 1934 subject investigation, it is possible to point out the differences in subjects most commonly offered in 1934 and 1949.

English subjects listed for the first time in 1949 are radio speaking and broadcasting offered in schools in 24 States, debate offered in 42 States, remedial English in 40 States, and creative writing in 27 States. In 1934 debate was subsumed under speech and public speaking. Doubtless some of the reading reported by schools in 28 States in 1934 was remedial reading, but even so there has been a great increase in the spread of remedial English courses as well as in the total enrollments in them. Probably creative writing is a new name for an old activity; composition was reported as a separately organized course in 29 States in 1934, but only in 14 in 1949. Table 5 which gives enrollments in terms of percentage indicates that special courses in English occur with the greatest relative frequency in schools in Mountain and Pacific Coast States. This is probably because these States tend to require for graduation fewer years of English than most States do.⁶ Probably special English courses are taken as electives to make up the total units required for graduation.

In table 7 it is apparent that since 1900 at least the great majority of high-school pupils have been enrolled in English subjects. In the investigations of 1900, 1910, and 1915 English enrollments were reported separately in rhetoric and literature; in 1910 and 1915 because most pupils were taking both subjects the percentages of pupils in English classes reached 114. Since 1922, except for extra and minor courses, literature and rhetoric have been subsumed under regular English courses and in subsequent investigations, percentages of enrollments in regular English classes have been less than 100. However, when enrollments are counted in all special subjects such as speech, journalism, and dramatic art the percentage of enrollment in English again exceeds 100. Enrollments in regular English courses in 1948-49 show a slight percentage increase over those of 1933-34.

⁶ *Requirements and High School Students' Programs*. Federal Security Agency, Office of Education, Washington 25, D. C. (circular No. 300, February 1949), p. 12.

Social Studies

In table 2 the total enrollment reported for subjects in the field of social studies in both junior high schools and junior-senior and undivided high schools is greater than the total reported for subjects in the field of English in those two types of schools. In regular and senior high schools, enrollments in the field of social studies are 88.9 percent of the total pupil enrollment for those schools. For all public secondary day schools combined, this percentage figure is 100.8 percent. Social studies now ranks third among all the subject fields in percentage of pupils enrolled.

United States history.—In all types of public secondary day schools combined, the enrollment in United States history reflects the fact that this subject is increasingly required not only in one of the three lower grades of the secondary school, but in one of the higher grades as well.⁷ For many years United States history has been required in most schools, and the percentage gain in enrollment in this subject in 1949 in grades 10 through 12 over 1934 in the last 4 years (from 17.3 to 22.8 percent) is in part a reflection of the increased holding power of the schools. More pupils are persisting in school until the eleventh or twelfth grade where they are ordinarily enrolled in United States history. In part also the increase is due to increasing requirements and to improved enforcement of requirements long in existence. The course is taken for a full year by more than nine-tenths of the pupils who take it in junior high schools, while in grades 10-12 less than 3 percent of the pupils enrolled take it for a half year only.

Foreign history.—World history is quite frequently the social studies course offered to tenth-grade pupils, and as such is replacing ancient and medieval history, which were once standard for grades 9 and 10. In regular and senior high schools, enrollments in world history are second in size to those in American history and represent an increase of 4.3 percent since 1934; they constitute 59 percent of the total tenth-grade enrollment and 16.2 percent of the enrollment of all pupils in the last 4 years. Medieval and modern history in 1934 enrolled more than 6 percent of all pupils, and ancient history as many more; in 1949 less than 4 percent of all pupils were enrolled in all courses in ancient and/or medieval and modern history. Percentagewise they have their largest following in the New England States. Enrollments in these subjects (ancient and/or medieval and modern history) are now less than one-fourth of the enrollment in world history. Some instruction in world history and in ancient and medieval history is given in grades 7 and 8. Latin American history gained in popularity during the War, but it does not show comparatively large enrollments at this time; it has its largest

⁷ For other pertinent data see *Teaching of United States History in Public High Schools*, by Howard R. Anderson. Washington, U. S. Government Printing Office, 1949. (Federal Security Agency, Office of Education, Bulletin, 1949, No. 7.)

percentage of enrollments in California. The total of all enrollments in foreign history for all grades is slightly more than half of the total of enrollments for United States history.

Government.—Community civics, which is usually the ninth-grade subject in the social studies sequence, like American history is taken by one in three pupils in grades 7, 8, and 9. In fact, enrollments in community civics are slightly in excess of those in American history. However, more pupils have community civics as a half-year subject than is true in American history. Advanced civics, or American Government, is taken by slightly less than half as many pupils as take community civics. The advanced course is more often a half-year than a full-year subject. Problems of democracy, on the other hand, which is frequently taken during the twelfth grade as a substitute for American Government is more often a full-year subject. The combined enrollments in the two subjects are approximately 70 percent of the total enrollment in that grade. From 1934 to 1949 the percentage of pupils in the last 4 years of high school enrolled in American Government increased from 6 to 8; in problems of democracy the increase was from 3.5 to 5.2. The increase in American Government has some added significance because the 1934 enrollment figures included a few from the ninth grade while no ninth-grade enrollments were counted in 1949.

Geography.—According to the recent publication on teaching of United States history,⁷ geography is the subject in the social studies field most frequently taught in the seventh grade. While the figures in the present study are not divided as between grades 7 and 8, one finds that the enrollment in geography in the two grades is 40 percent of the total enrollment in those grades. In addition, there are probably other pupils who have units in geography as a part of an English-social studies core and for whom the subject was not reported separately. In the last 4 years of high school, 1 pupil in 18 is enrolled in either American or world geography.

Other social studies.—There are proportionately more pupils enrolled in State history in grades 7 and 8 than in the last 4 years of high school. In the seventh and eighth grades the enrollments are about equally divided between half-year and full-year courses, while in the last 4 years 84 percent of the enrollments are for half-year courses. In the last 4 years of high school greater percentages of pupils are enrolled in State history in Washington, Oklahoma, and Pennsylvania than in Texas. Occupations enrolls proportionately fewer pupils than in 1933-34. Enrollments are not reported separately for grades 7-8 and the last 4 years, but 2.3 percent of pupils in all grades are registered in such a course. Economics, sociology, and psychology, which are usually pursued for only 1 semester, enroll 4.7, 3.4, and 0.9 percent, respectively, of all pupils in the last 4 years.

Social studies which are newcomers to table 2 (commonly offered subjects) include: Latin American history, formerly taught in 9 States and now in 34; consumer education, formerly not mentioned but now along with consumer buying in the home economics field, taught in all but 2 States; and orientation, formerly offered in 7 States and now in 44. Under orientation have been grouped a variety of courses, such as home living, social living, everyday living, problems in living, and English experience. Some of the titles refer to both English and social studies. Although these are all one-period subjects, the titles give some indication that the objectives are similar to those in core courses. Almost 2 percent of all secondary school pupils are enrolled in these single-period orientation or social-living courses, which are frequently arranged for pupils during their entering year in a school. Possibly group guidance should have been classified under orientation courses also; it was reported from 21 States as enrolling 1.3 percent of all secondary pupils. Classified under psychology, when they were reported in the upper grades, were a number of similar subjects, such as guidance and personal problems, human relations, and social adjustment. There is evidence of increased emphasis on group guidance and education for social living.

The history of the Orient was reported in one school in 1 State in 1934 and in 9 States in 1949. English history was taught in 43 States in 1934 and in 9 States in 1949. Industrial history was taught in 19 States in 1934 and industrial history and geography in 9 States in 1949.

In table 7, which deals only with enrollments during the last 4 years of high school, it may be seen that the percentage of pupils taking history doubled between 1890 and 1910 and declined from 1910 to 1922. During the last 25 years, because United States history has more than held its own, and enrollments in world history have increased greatly, the total enrollments in history have shown some increase. Courses in English history and in ancient and medieval history have lost ground. Increased enrollments are shown in problems of democracy and geography. (Ninth-grade community civics which is not shown in table 7 has made a tremendous contribution to increased social studies enrollments during the past 25 years.) Between 1928 and 1934 advanced American Government lost enrollments to problems of democracy, but since 1934 it shows a percentage gain of 2 percent. Sociology, economics, and psychology have maintained relatively stable positions since they first appeared in subject investigations. New to the historical table is consumer education which enrolled almost 1 percent of the pupils in 1948-49.

Core Curriculum

Basic tables in this publication show enrollments in subjects as though they were all taught separately. There is, and has been for many years,

however, a type of curriculum organization which correlates or fuses instruction in two or more subjects so that subject-matter lines are not clearly defined. This is referred to as the core curriculum and the course resulting is usually called the core, though other designations, such as common learnings, general education, and unified studies are also used.

While there is no one accepted definition of a core, the two major ideas common to the current concept are that it provides experiences needed by all youth and that the experiences cut across subject lines. The core has assigned to it a block of time equivalent to two or more periods of the school day, plus (when scheduling permits) the homeroom period. Subjects commonly joined in a core are English and social studies (geography, history, civics). Science or mathematics is sometimes included. Frequently, instruction in health, music, art, and group guidance is correlated or interrelated with the problems studied in the core.

Included in the inventory of offerings and enrollments in high-school subjects was an item asking for information about common-learning or core-type courses, as follows: Name of course, area of learning, or core; subjects or subject-matter included, if fixed; grade offered; periods per week; and enrollment. Except for data on enrollments, information compiled from this item has been published separately.⁸

Table I records all enrollments which were reported as being in a core type of curriculum organization. The enrollments in this table are also included in all other tables. Thus the total enrollment of 6,524,271 pupils in regular English classes in all high-school grades includes the 240,016 pupils who have their English as part of a core program and who are reported in table I.

English is a part of the core for 97.0 percent of all pupils enrolled in such a program; social studies, for 96.8 percent. These are not always the same pupils; that is, in a small percentage of the cases English may be combined with a subject other than social studies, and social studies may be combined with one other than English. Approximately 95 percent of the enrollment in core curricula, however, is in the English-social studies combination, sometimes with other subjects also included. Science is part of the core for 12.5 percent of the pupils enrolled in core curricula, and mathematics for 7.7 percent of the pupils so enrolled.

At the present time, at least, the core is typically a junior high-school development. When the junior high schools only are considered, the percentage of pupils enrolled in core classes is 12.4, and 15.8 percent of all junior high schools have a core program. In contrast, 3.6 percent of the nearly 7 million secondary school pupils in all high schools are enrolled in core programs.

⁸ *Core Curriculum in Public High Schools*, by Grace S. Wright. Washington, U. S. Government Printing Office, 1950. (Federal Security Agency, Office of Education, Bulletin 1950, No. 5.)

Table 1.—Enrollment in core programs¹ in public secondary day schools, and enrollment in specified subject fields in such programs, by type of organization of high school, and by State, 1948-49

State	Pupils enrolled in core pro- grams		SUBJECT FIELD																
			ENGLISH			SOCIAL STUDIES			SCIENCE			MATHEMATICS			OTHER ²				
	Num- ber	Per- cent ³	Junior	Regular and senior	Junior- senior and un- divided	Junior	Regular senior	Junior- senior and un- divided	Junior	Regular senior	Junior- senior and un- divided	Junior	Regular and senior	Junior- senior and un- divided	Junior	Regular and senior	Junior- senior and un- divided		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
United States			247,399	3.6	155,631	34,034	50,351	155,261	33,683	50,597	17,151	3,368	10,391	11,263	1,867	5,801	13,046	3,792	5,220
Alabama	5,148	3.0	359	828	3,266	985	828	2,904	407		1,261				843	218		1,289	
Arizona	1,216	4.0	388	828	2,600	50,033	6,728	2,600	822		1,380	3,939	112			1,887			
California	59,547	12.1	50,219	6,728	2,600	50,033	6,728	2,600	600		600					4,803			
Colorado	8,615	12.3	8,615			8,615			608		571	808			242	986			
Florida	5,526	4.1	3,221		1,825	2,916		1,825											
Georgia	2,874	2.2		1,854	294	152	1,854	343	152	1,050	49		1,094	294	152	88	588		
Kansas	2,579	2.4	2,459	120		2,459	120					30			120				
Maryland	34,355	34.1	11,708	1,779	20,593	11,708	1,779	20,634	3,721		3,713			961	316		1,773		
Michigan	14,334	4.7	6,179	3,766	4,034	6,165	3,599	4,050	480		485	860	37	452		552			
Minnesota	6,570	4.1	3,765	523	1,836	3,765	523	1,998	487	23	633			691	287				
Missouri	14,027	8.4	4,898	5,428	3,282	4,975	5,428	3,624	2,264	280	1,994			225			640		
Nevada	785	11.7	785									405							
New Mexico	869	3.1	869			869									869				
New York	30,833	4.7	26,159	1,415	3,206	26,159	1,415	3,273	512	626	67	36	344	671	1,192	306	354		
Oklahoma	5,354	3.7	2,633	2,228		1,836	2,120		619	881		1,018			38				
Oregon	7,386	10.3	4,195	1,808	1,149	4,195	1,808	1,149	2,544			1,060							
Pennsylvania	13,660	2.6	11,213	1,601	730	11,213	1,601	1,661	2,073		605	994	26	605	1,409	780	123		
Utah	2,338	4.2	1,715		643	1,715		643											
Washington	5,612	5.0	1,378	60	2,812	1,378	60	2,812	431		537			537	431				
Others ⁴	25,701	.9	14,873	5,836	4,081	14,950	5,760	4,012	1,371	508	476	1,513	254	160	965	179	453		

¹ For the purpose of this study a core program was defined as one which "involves the combination of two or more class periods from subjects that would ordinarily be taught separately." Such programs were reported by schools in 38 States and the District of Columbia.

² Most of the enrollments in this column are in Health, Art, or Music; a few are in Industrial arts, Home economics, or a foreign language.

³ These percentages are based on total enrollments for the Nation and for the respective States, as given in table 1 (page 29).

⁴ In addition to the 19 States listed, 19 other States and the District of Columbia have schools which reported core programs. Each of these enrolled less than 2 percent of its high-school population in core programs, or an average of 0.9 percent for each State. The States are: Connecticut, Delaware, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maine, Massachusetts, New Jersey, North Carolina, Ohio, Tennessee, Texas, Vermont, Virginia, West Virginia, Wisconsin, and Wyoming.

Science

In 1949 approximately 68.3 percent of the pupils attending junior high schools were enrolled in science subjects. For other types of schools the percentages of pupils enrolled in science subjects were: regular and senior, 52; junior-senior and undivided high schools, 63; and all public secondary day schools combined, 58.1.

Nearly a third of all public secondary day-school pupils were enrolled in a general science course, usually a full-year course, in 1949. General science is typically offered in grades 7-9 and like English and social studies, it is becoming more and more a constant subject at those grade levels. Seventy-two percent of all pupils in grades 7 and 8, and 65 percent of all pupils in grade 9 were registered in general science in 1949. A small percentage took an advanced general science course in 1 of the last 3 years of high school.

Biology is usually offered in the tenth grade. As the science subject for tenth-grade pupils it is comparable to general science for the ninth-grade pupils. Reflected against the total enrollment of pupils in the tenth grade, the enrollment in biology was 66 percent. More uniformly than general science, biology is a full-year subject. Other biological sciences offered in secondary schools—botany, physiology, and zoology—enrolled 66,313 pupils. If these are added to the 989,756 pupils enrolled in biology, a total figure is arrived at which is 28 percent of the enrollment in the last 3 years of high school. If we include also the enrollment of pupils in hygiene (included in table 2 under the major heading of health, safety, and physical education) the resulting figure would seem to indicate that the great majority of pupils had a course in a biological science sometime during their high-school years.

The dominating sciences of the third and fourth years are chemistry and physics. Taken together, these two subjects attracted slightly less than a third of the combined registrations in these 2 years. Both subjects are, with rare exceptions, pursued for a full year. Small percentages of pupils (less than $\frac{1}{2}$ percent of the total for the third and fourth years) took a course called physical science, which is commonly a reorganization of chemistry and physics often including some earth science or a course called earth science, under which were subsumed geology and physical geography. Likewise small percentages were enrolled in courses in aeronautics, radio, and fundamentals of electricity.

Science subjects reported for the first time in 1949 are conservation, reported by schools in 16 States, and fundamentals of electricity (an innovation from World War II) in 23 States. Also in 1949, advanced general science was taught in 42 States, advanced biology in 20 States, and advanced chemistry in 18 States. Enrollments in these advanced courses have been counted in the total enrollments for the different subjects in tables 5 and 7.

Aeronautics was reported as a science in 47 States in 1949, and also as an industrial arts subject in 9 of these States; it was reported only as an industrial arts subject in 13 States in 1934.

Nature study was reported in 38 States in 1934 and in 3 States in 1949. Astronomy, geology, and physical geography, each of which was taught in more than 15 States in 1934, were subsumed with a number of related subjects under earth science in the 1949 study. However, a decline in enrollment in these subjects may be inferred from the fact that physical geography alone was reported in 47 States in 1934, while all the subjects subsumed under earth science in 1949 were reported in no more than 38 States.

Compared with the total enrollment in the last 4 years of high school, the percentage enrolled in biology increased from 14.6 in 1934 to 18.4 in 1949; in general science the increase was from 17.8 percent in 1934 to 20.8 percent in 1949. These percentages are in close agreement with those reported in a bulletin for 1947-48⁹ which was based on reports from a representative sampling of schools and in which the number of pupils enrolled in the first term of that school year was used as the basis for determining the percentage enrollments.

In the last 35 years physiology, botany, and zoology have experienced substantial declines in enrollment, while the enrollment in biology has increased. The same general change has occurred in geology, physical geography, and astronomy as compared with general science which has absorbed much of the earth science content. Thus in the science fields at the ninth- and tenth-grade levels there appears to have been a strong trend toward a more generalized and less specialized treatment of course content.

Since 1900 the percentages enrolled in physics have declined consistently while the percentages of pupils enrolled in chemistry have remained relatively stable. However, along with general increases in the high-school enrollment, in the investigations from 1915 through 1934, the actual enrollments in these subjects also showed increases (comparable figures could not be secured earlier than 1915 and, of course, actual enrollments in physics did decline from 1934 to 1949).

This increase in actual enrollments in chemistry and physics from 1915 to 1934, while percentages in chemistry were stable and percentages in physics were declining, suggests that (a) as many youth of high-school age enroll in chemistry as ever before; and (b) almost as many youth of high-school age enroll in physics as ever before. However, in addition there are in our schools now boys and girls who do not enroll in these subjects and are not required to study chemistry and physics. Had these youth been in high school in 1915, in most instances they would have found

⁹ *The Teaching of Science in Public High Schools*, by Philip G. Johnson. Washington, U. S. Government Printing Office, 1950. (Federal Security Agency, Office of Education, Bulletin 1950, No. 9).

it necessary to study chemistry and physics whether they wished to or not. The general effect has been to decrease the percentage enrollments in these subjects although the successive investigations indicate that the actual enrollments increased through 1934. The introduction of advanced general science, physical science, and earth science may suggest that a trend toward the generalization of physics and chemistry is beginning to receive attention in many schools.

Noticeable variations appear among the States in the emphasis placed upon the different science subjects (table 5). As in 1934, the greatest range occurs in general science where the variation is from 1 to 30 percent; in biology the range is from 13.4 to 26.4 percent; in chemistry from 3.5 to 11.6; and in physics from 1.4 to 8.8.

Mathematics

In table 2 the total enrollment in subjects in the field of mathematics in junior high schools amounts to 92.8 percent of the total pupils enrolled; similar figures for the other types of schools are: Regular and senior high schools, 52.2 percent; junior-senior and undivided schools, 69.7 percent; and all public secondary day schools combined, 64.5 percent.

Arithmetic.—Ninety-nine percent of all pupils in grades 7 and 8 were in 1949 taking elementary arithmetic, generally for a full year. This represents the largest enrollment in these grades in any subject except English. Pupils almost uniformly have arithmetic not only for 1 year of the two grades, but for both.

Algebra.—Twenty percent of all high-school pupils are taking first- or second-year algebra. In 9 Southern States the percentage in the last 4 years of high school is 35 or greater; 5 other States widely scattered exceeded 30 percent (table 5). The percentage of pupils taking algebra is greater in regular and senior high schools than in the other two types of high schools. Since elementary algebra is usually offered in the ninth grade it is pertinent to observe that the registration is 63.5 percent of the enrollment in that grade. Slightly more than a third of the number taking elementary algebra will later continue into intermediate algebra, judging by the 1949 figures. In this latter subject the half-year courses are much more numerous, but even so, more than three-fourths of the pupils taking intermediate algebra study it for a full year. College algebra, which is a half-year course twice as often as it is a full-year one, enrolls about 10 percent as many as does intermediate algebra.

General mathematics.—Pupils in the ninth grade who do not elect algebra are usually enrolled in general mathematics. Thus about 40 percent of ninth-grade pupils will be found in this course. That the two together exceed 100 percent of the enrollment for that grade is probably accounted for by the inclusion of some repeaters from the tenth grade and possibly a few who did not elect general mathematics until a grade later than 9. It appears that only 7 percent of those taking the elementary course in

general mathematics will continue through an advanced course in general mathematics.

Geometry and trigonometry.—Slightly more than half as many pupils elect plane geometry as are registered in elementary algebra. The enrollment is 40 percent of the potential registration if the tenth grade is regarded as the place for plane geometry study. Only one in six plane geometry pupils will continue with solid geometry or with trigonometry.

The only mathematical subject which is new in the 1949 table of subjects commonly taught is mathematics review, reported for the first time and now taught in 24 States, chiefly in regular and senior high schools. The only mathematical subjects to show percentage increases in enrollment in 1949 are general mathematics (including arithmetic)¹⁰ and trigonometry (table 7). The former increased to 13.1 percent from 7.4 percent in 1934, and trigonometry was at an all-time high of 2 percent in 1949. However, general mathematics and arithmetic were but slightly higher proportionately than in 1922, when general mathematics first appeared as a high-school subject.

From the historical table it may be seen that algebra and geometry (which in this table include advanced courses as well as beginning work) show a rise in percentages to a peak in 1910, with a persistent decline since that time. However, through the years from 1915 to 1934 actual numbers enrolled in these subjects increased along with the total increases in the high-school population. (In 1934 the total pupil enrollment during the last 4 years was slightly more than in 1949.) This situation is understandable in the light of the fact that American high schools are less selective than they were in 1910. Many boys and girls of high-school age have always been interested in algebra and geometry, and about as many are interested in these subjects as ever before. However, there are also in high schools at present many boys and girls who are not interested in algebra and geometry, and requirements have been relaxed so that they are not forced to take these subjects as they would have been 40 years ago. These pupils are responsible for the percentage increase in arithmetic and general mathematics, and for the percentage declines in algebra and geometry.

Foreign Languages

In the present investigation it was found that in junior high schools, the total number enrolled in foreign languages is 11.4 percent of the total number of pupils enrolled in these schools; in regular and senior high schools, the corresponding percentage is 22.2; in junior-senior and undivided schools the percentage is 12.1; in all public secondary day schools combined, the enrollment in foreign languages is 17.4 percent of the total enrollment.

¹⁰ In the ninth grade, arithmetic when reported as a subject, was assumed to be general mathematics.

In 1949 Spanish surpassed Latin as the foreign language pursued by the largest number of pupils. It enrolled 8.2 percent of all pupils in grades 9 through 12. Latin, however, was a close second, enrolling 7.8 percent. Latin is the more popular language both in junior high school and in junior-senior high school, but Spanish is first in the regular and senior high school, where the great majority of enrollments in foreign languages is to be found. French had only slightly more than half as many registrants as Spanish, and German had not quite one-tenth as many.

The total enrollment in foreign languages is 22 percent of the total enrollment of all pupils in grades 9 through 12. However, as with most broad fields, since some pupils would be registered in more than one foreign language the actual percentage of pupils, excluding duplicates, who pursue a foreign language would be somewhat less. Our statistics do not show the grades in which the first year of a language is taken, and it cannot be determined, therefore, what percentage of the pupils of a given grade are taking a foreign language. The best estimate may be gained possibly by reflecting the total enrollment in the first year of all foreign languages against the total enrollment for one of the high-school grades. Thus, if this is done for the ninth grade, it will be found that 39 percent of such pupils take the first year of a foreign language. Using this same method for each of the languages separately, one finds that the enrollment in first-year Spanish is 15 percent of the total enrollment for ninth grade; the enrollment for first-year Latin is 14 percent; for French it is 8 percent; and for German it is 1.4 percent.

The mortality in foreign languages is high. In each of the four languages most frequently offered by the schools, between 62 and 73 percent of pupils enrolled in the first year of the subject continue it for the second year. Of those second-year people, between 15 and 28 percent continue with the third year of the subject, Spanish and Latin having a higher mortality here than French and German. Only a small percentage of pupils take the fourth year of a language. Latin has a slightly higher holding power at this grade than the other languages.

From table 5 it may be observed that the States having the highest percentage of enrollments in each of the four foreign languages, group themselves geographically. The States having the largest percentage enrollments in Spanish are those near the Mexican border, namely, New Mexico, Arizona, Nevada, and California in order of size of percents. The largest percentages in order of size in Latin are in Delaware, Rhode Island, Connecticut, Massachusetts, and the District of Columbia; in French, in Massachusetts, Rhode Island, Maine, New Hampshire, and Vermont; in German, in New Jersey, Rhode Island, New York, the District of Columbia, and Pennsylvania.

The foreign languages taught in as many as 15 States were the same in 1934 and 1949. Greek was taught in schools in 8 States in 1934 and in

schools in 5 States in 1949. Languages appearing for the first time in 1949 were Russian, taught in 1 State, and Portuguese taught in 3 States.

The percentage of pupils enrolled in Latin in the last 4 years of high school dropped from 16 in 1934 to 7.8 in 1949. Enrollments in French declined from 10.9 percent in 1934 to 4.7 percent in 1949, and those in German from 2.4 percent to 0.8 percent during the same period. Enrollments in Spanish increased from 6.2 percent in 1934 to 8.2 percent in 1949.

Throughout the period covered by the historical table until the present investigation, Latin was the principal foreign language in American high schools. Percentagewise, Latin reached its peak from 1900 to 1910 and since then has declined persistently. However, along with the great increases in total secondary school enrollments, actual numbers of enrollments in Latin increased in each successive investigation between 1915 and 1934. From 1890 until World War I, German was the second language in percentage of enrollments; and afterward until World War II, French was the second language in percentage of enrollments. It should be mentioned that enrollments in German shrank much more after World War I than did enrollments in French after World War II. Enrollments in Italian have grown steadily since they first appeared in 1922, but even in 1949 they amounted to only 0.3 percent of pupils in the last 4 years of high school.

Spanish does not appear in the historical table until 1910 and the actual enrollments reported have increased in each successive study. Possibly it is significant that between 1934 and 1949, when enrollments in Spanish and Portuguese were increasing appreciably, there were being carried on many vigorous efforts to improve relationships between the United States and the countries of South and Central America.

Industrial Arts—Nonvocational

Nonvocational industrial arts enrolls 25 percent of all pupils in all types of schools. It is found in the junior high schools more than twice as often as in the other two types. Since enrollments in industrial arts are not reported separately for seventh and eighth grades it is not possible to differentiate between these two grades and the last four secondary school grades, although it is recognized that industrial arts is usually a prescribed subject for boys in grades 7 and 8.

Among the industrial arts subjects the largest enrollments are found in general shop, woodworking, and mechanical drawing, in that order. The three subjects account for three-fourths of the enrollment in the industrial arts field. Next in order of frequency of mention is metal work, which enrolls 2.8 percent of all pupils, and printing, which enrolls 1.2 percent. All other subjects listed report an enrollment of less than 1 percent of the total secondary school enrollment.

Industrial arts subjects appearing for the first time among the com-

monly offered subjects are: Photography, reported in the science category by schools in 5 States in 1934 and in 30 States in 1949; home mechanics, reported as science in 13 States in 1934 and in 32 States in 1949; and handicrafts, in 36 States in 1949. In 1934, handicrafts was not reported as a subject, but leathercraft was reported in 7 States and a few similar crafts were occasionally reported. Almost half the enrollments in handicrafts and photography are in one-semester courses.

New courses, reported for the first time in 1949, include: Plastics, in 14 States; and transportation laboratory, in New York and New Jersey.

In the present investigation enrollments in industrial arts and trade and industrial education are separated for the first time. Hence it is not possible to determine the percentage increase in enrollments in industrial arts subjects alone. It is estimated that the combined enrollments in industrial arts and trade and industrial education increased in the last 4 years of high school from 21 percent of the total pupil enrollment in 1934 to 26.6 percent of the total pupil enrollment in 1949. Enrollments in industrial arts have shown persistent increases during the past 35 years. In 1949 the enrollments in industrial arts in junior high schools amounted to 48.2 percent of the pupils enrolled.

Variations in percentages of pupils enrolled in industrial arts courses in the 48 States and the District of Columbia range from a low of 3.6 to a high of 42.1 (table 6). Eighteen States exceeded the national average, Maryland, California, New Jersey, Connecticut, and the District of Columbia, in that order, having the largest percentages.

Trade and Industrial Education—Vocational

Vocational trade and industrial education is usually offered in the last 2 years of high school. The programs are federally aided in most instances. Sometimes, however, these programs are organized under the provisions of State plans and receive State aid only. In a few cases, programs receive neither Federal nor State assistance.

There are 369,794 registrations, or 6.8 percent of the total number of pupils in grades 9 through 12, in this area. Nearly one-fourth of this group are enrollments in shop mathematics, trade science, and other vocationally related subjects; another one-fifth are registrations in mechanical drafting which is often taken as a related subject. Subtracting registrations in related subjects from the total registration and allowing for the fact that mechanical drafting is a related subject for many pupils, the number of pupils enrolled in preparatory trades and industries courses may be estimated at plus or minus 250,000. This figure may be compared with the 214,382 reported in 1949 by the Vocational Division of the Office of Education.¹¹ The larger figure is probably due to the inclusion of enroll-

¹¹ *Digest of Annual Reports of State Boards for Vocational Education, Fiscal Year ended June 30, 1949.* Washington, U. S. Government Printing Office, 1949. (Federal Security Agency, Office of Education.)

ments in nonfederally aided schools, and perhaps also to the reporting of some industrial arts programs under the heading of vocational industrial education. Generally speaking, there are approximately 46 pupils in every thousand in the last 4 high-school years who are studying a trade.

The largest identified enrollments in the separate trade subjects as shown in table 2 are in machine shop, automobile mechanics, electrical work, cabinet making, carpentry, and printing. Although many pupils enrolled in mechanical drafting take it as a shop-related course, some pursue the subject to prepare for employment in the mechanical drafting occupations. Each of the trade subjects not reported in the above list has an enrollment of fewer than 10,000.

A number of trade and industrial education subjects were reported from as many as 15 States for the first time in 1949: (a) General industrial shops were reported from 26 States (these shops were in existence in 1934 but were subsumed under another category). (b) The new cooperative part-time program labeled diversified occupations was reported in 1949 from 32 States. (c) In 1934, no vocational radio was reported; reports came from 43 States in 1949. (d) Aviation trades were reported from 24 States in 1949; in 1934, no aviation trade courses were reported. (e) Cosmetology, reported from schools in 5 States in 1934, was reported in 20 States in 1949.

The diversified occupations curriculum represents a significant development since the 1934 study of high-school enrollments. It is most frequently found in communities too small to warrant the organization of a separate vocational program for each of a number of occupations. In such programs, juniors and seniors prepare for specific occupations by spending half of each school day in business or industrial establishments where they receive organized instruction as student-learners. Students are employed in accordance with Federal, State, and local employment regulations. Two periods of the remaining school time pupils are grouped together for supervised and directed study of technical and related subjects. Technical subjects are those pertinent to the occupation in which the pupil is engaged; related subjects include such social subjects as economics, civics, health, and safety. Stress is also placed upon the development of good work habits and attitudes. In 1949, 9,000 pupils were enrolled in this cooperative venture, according to the figures in the present study.

New York, with enrollments in courses in the field of vocational trade and industrial education amounting to 20.6 percent of all pupils in the last 4 years of high school in that State (table 5), has by far the largest proportionate enrollment of any State. Next in order are Maryland, Pennsylvania, and Delaware, the enrollment in each of which amounts to approximately 13 to 14 percent of the respective State's total enrollment in grades 9 to 12.

Business Education

The total enrollment in subjects in the field of business education in regular and senior high schools is more than 60 percent of the total pupil enrollment in these schools. Business subjects are seldom offered in grades 7 and 8. Since our statistics do not, in general, report enrollments separately for individual grades, it cannot be determined exactly how many of the pupils taking business subjects in the junior high school are in grades 7 and 8, but it is believed that the percentage is negligible. Therefore, for the purposes of this text, seventh and eighth grades will not be considered.

More than 1 in every 5 pupils of those enrolled in grades 9 through 12 is taking typing. The enrollment in first-year typing is more than half the total number of pupils enrolled in the ninth grade. The enrollment in second-year typing is approximately one-third the enrollment in first-year typing. The decrease in enrollment in third-year typing is still more pronounced. The relatively large enrollment in first-year typing is to be expected because of the large number of students who take it for personal use and the relatively few high schools that offer a second and third year of this subject.

Shorthand enrollments are one-third of the typing enrollments. Second-year shorthand enrollments are only 44.4 percent of those of the first year. This decrease in enrollment in the second year is due in part to the large number of high schools that offer only 1 year of this subject. It is safe to assume that those who pursue either shorthand or typing for as much as 2 years are taking the subject for a vocational purpose, and that some of those who take these subjects for only 1 year have a vocational purpose also.

Bookkeeping is second to typing in the number of pupils, enrolling 8.7 percent of all pupils in grades 9 through 12. Most pupils elect the subject for 1 year only, although 17 percent continue on for a second year, and a few carry it a third year. Few high schools offer second-year bookkeeping, and the number offering a third year is negligible.

General business is fourth in registrations among business subjects, followed in turn by business arithmetic, business law, office practice, economic geography, and business English. Business law is most frequently a half-year subject, as are courses termed consumer economics. This latter subject attracts less than 1 percent of the enrollment in the last 4 years, as do the other business subjects, such as advertising, salesmanship, and retailing, listed in table 2.

Among the business-education subjects reported in 1949 for the first time are: Cooperative store training, from 46 States; and cooperative office training, from 48 States. Retailing was reported from 46 States in 1949 and from none in 1934, although it is probable that retailing was subsumed under salesmanship in the former study. Consumer economics

appears as a new subject in 1949, but that term is merely a new name for subjects subsumed under business organization in the 1934 investigation. Among the business subjects reported as commonly taught in 1934, the only ones not similarly reported in the 1949 investigation are machine operation and accounting. In the present study, machine operation is subsumed under office practice and accounting under bookkeeping.

In table 5, typing is reported in 17 States as enrolling from 25 to 32 percent of the total enrollment in the last 4 years of high school. Only 3 States report enrolling as many as 10 percent of the pupils in grades 9-12 in shorthand, the highest percent enrolled being 10.8 in Maine and the lowest 3.3 percent in Louisiana.

Although business-education subjects were not included in national investigations until 1915, since 1922 the total of enrollments in the field has been more than 50 percent of all the pupils enrolled in the last 4 years of high school. Since 1922 the percentage enrollment for the entire field has increased in each successive investigation. This has been so in spite of the continually decreasing percentages in bookkeeping, and chiefly because of the continually increasing percentages of school enrollment in typewriting. In 1949 approximately as many pupils were enrolled in typewriting (which is seldom a required subject) as in advanced United States history (which is almost always a required subject). Most of the remaining business-education subjects have been fairly stable through the last four investigations. In 1949 cooperative office training and cooperative store training appeared for the first time, together enrolling almost 1 percent of the pupils. Both these subjects involve pupils in part-time work experiences during the regular school day with related vocational instruction in school. The work experience is usually supervised by the school with resulting coordination of school training and work experience.

Home Economics

As in most other subject fields, the percentage of pupils enrolled in home economics is higher in junior high schools than in those of the two other types. Enrollment in home economics amounts to approximately 25 percent of all pupils in all types of schools. This is comparable to nonvocational industrial arts, the counterpart for boys of home economics for girls. Unlike the latter subject, however, the home-economics figures also include vocational federally reimbursed classes.

Enrollments in the various home-economics classes in grades 9-12 exceed $1\frac{1}{4}$ millions. By contrast, the all-day school enrollment in home-economics courses for which reimbursement was made from Federal funds, was 614,308 in 1949,¹¹ or not quite half (47 percent) of the total enrollment in home-economics courses that year. If correction is made

¹¹ *Digest of Annual Reports of State Boards for Vocational Education, Fiscal Year Ended June 30, 1949.* Washington, U. S. Government Printing Office, 1949. (Federal Security Agency, Office of Education.)

for the fact that the $1\frac{1}{4}$ millions includes some duplications (pupils who were enrolled in more than one course in home economics in a given year) and that the Vocational Division figure does not, the figure would be slightly higher than 47 percent. This is a great increase over the less than 20 percent of home-economics enrollments which was reported for vocational home economics in 1934.¹²

Because of lack of uniformity of terminology among high schools, subjects reported in this field are not easily differentiated. Many schools with federally reimbursed programs reported their programs as homemaking I, II, III, and IV. Others reported it as Foods first, second, and third year, and Clothing first, second, and third year, plus special subjects. In the 1934 subject investigation, the basic course was called home economics; in the present investigation the basic course is called homemaking.

Homemaking I, II, III, and IV accounts for 59.4 percent of the total enrollment in home economics in the four upper high-school grades. The remainder of the enrollment in home economics is reported by subject matter: foods, clothing, home management, health and home nursing, family relationships, child development, the house, consumer buying, homemaking general, and related arts. Many of these courses are 1-semester subjects. In the 1949 investigation are subsumed under the categories of *the house* and *related arts* a number of subjects, such as interior decorating and costume design, which were listed separately in the 1934 investigation. New to the list of commonly taught subjects are consumer buying, taught in 36 States in 1949, and home management, taught in 46 States in the same year.

Both in actual enrollments and in percentage of all pupils enrolled in the subject, home economics has shown increases in each national investigation which has been made since 1910. The percentage rise between 1928 and 1934 is the smallest and the one between 1910 and 1915 is the largest percentage increase. Judging by the names and prevalence of courses there has also been since 1934 increased emphasis on supplementing cooking and sewing skills with attention to broader aspects of homemaking and home relationships.

Variations in percentage of enrollments in home economics range from 12.8 percent in the District of Columbia to 36 percent in Delaware. Twenty States enroll more than 25 percent of the pupils in the last 4 years of high school; the West South Central, the East South Central, and the South Atlantic States, in that order, had the highest percentage enrollments. New England ranks the lowest in this respect, with 5 of its 6 States having enrollments under 20 percent.

¹² *Offerings and Registrations in High-School Subjects, 1933-34.* Washington, U. S. Government Printing Office, 1938. (Department of the Interior, Office of Education, Bulletin 1938, No. 6), p. 20.

Agriculture

It will be observed that courses in agriculture in the present study are reported as agriculture I, II, III, and IV, rather than according to specific subject-matter content, as was done in the 1934 study. This is due to the influence of the federally reimbursed program which uses the generic terminology.

Table 2 reports a total of 364,185 pupils enrolled in agriculture in the last 4 years of high school, or 6.7 percent of the total enrollment for those years. In 1949, the Vocational Division of the Office of Education reported 334,010 pupils registered in federally reimbursed agricultural courses in all-day schools. According to these figures 91.7 percent of all pupils electing agriculture in grades 9-12 are in federally reimbursed programs. As in home economics, the West South Central, the East South Central, and the South Atlantic States have the highest percentage enrollments. Among the individual States, Connecticut and Massachusetts have the lowest percent enrollments, less than 1 percent, and Arkansas has the largest with 19.2 percent.

Enrollments in seventh- and eighth-grade courses in agriculture show very little change since 1934, and inasmuch as the earlier figures were based on an 80-percent return it would seem that fewer pupils in these grades are having work in this area than previously.

Health, Safety, and Physical Education

It will be noted that six subjects are reported in tables 2 and 3 under the general heading of Health, Safety, and Physical Education. Driver education is not always so classified by the schools. On the other hand, there are subjects in other areas, notably in science and home economics, which have a strong bearing on the health objective. As in English and social studies, if all enrollments in health and physical education are added together they amount to more than 100 percent of the pupils.

Physical education, next to regular English, has the largest registration of any single subject throughout the six high-school years, enrolling as it does three-fourths of all pupils. Ninety-one percent of pupils in junior high school take physical education, as compared with 69 percent in regular or senior high schools.

Except for driver education and military drill, which are reserved for older pupils, all health subjects receive greater emphasis in the junior high school grades than in the last 3 or 4 years. Health enrolls 36 percent of all pupils in junior high schools, while in regular and senior high schools it enrolls but 23 percent. Hygiene and safety have comparatively small total enrollments, but again, the proportion is greater in the junior than in the regular and senior high schools.

Much growth and expansion have occurred in this field since the last subject investigation. In 1934 accident prevention was reported by 1 State; in 1949 safety education was reported by 46 States, and almost

4 percent of all secondary school pupils were enrolled in the subject. No driver education was reported in 1934, but in 1949 it was taught in every State and the District of Columbia, and almost 4 percent of all pupils in regular and senior high schools were receiving driver training. Physical education as an individual subject has grown more remarkably than any other reported in the historical table. It was first reported in 1922 for 5.7 percent of the pupils. In each investigation this percentage figure has grown, and in 1949 it reached approximately 70 percent of all pupils enrolled in the last 4 years of high school.

Music

In the 1949 investigation vocal music was subdivided into chorus, general or public-school music, and glee club. The enrollment in these subjects together is 1½ million, or 21.0 percent of the total enrollment in all public secondary day schools. Larger percentages of pupils are registered for vocal music in junior high schools than in regular and senior high schools.

Instrumental music has very nearly the same status at the two levels, but has many fewer registrants in 1949 than in 1934, reaching but 0.2 percent of the pupils as against 4 percent at the earlier date. Band and orchestra as special forms of instrumental music show little difference between junior high school and the last 3 or 4 years; orchestra is slightly more popular in the former type of school. Band is more popular than orchestra in all schools. Other music studies, including music appreciation, harmony, and theory and practice, show enrollments which are about 6 percent of the total of all pupils. Again, they are more popular in the junior than in the more advanced grades of the secondary school. These three subjects were reported for the first time in 1949, but in 1934 they were doubtless subsumed under the category *music studies*.

Music appears for the first time in the historical table in 1915, when enrollments in music subjects were 31.5 percent of the total of all pupils enrolled in the last 4 years of high school. In subsequent investigations the percentages dropped to about 25 until 1949 when enrollments in this field amounted to 30.1 percent of the pupils.

Art

Art subjects are pursued much more frequently by junior high school pupils than by pupils in the upper years of the secondary school. Enrollments in art courses amount to 48 percent of all junior high school pupils as compared with 10 percent in regular and senior schools, and 13 percent in junior-senior and undivided schools.

Freehand drawing and art appreciation are the leaders among art subjects, each enrolling approximately 5.5 percent of the pupils in all types of schools combined. General art, which includes crafts when that is a part of the art course, enrolls approximately 12 percent of all junior

high school pupils and a much smaller percentage of regular and senior high school pupils. It accounts for 3.7 percent of the total secondary school enrollment. For the first time are reported courses in school service art in which pupils spend their time on projects of importance to some aspect of the entire school program. Enrollments in these courses amount to 0.1 percent of the pupil enrollments in all public secondary schools.

Enrollments in art in the last 4 years of high school have been about the same percentage of the total pupil enrollment during the past 20 years. In 1915 and 1922 larger percentage enrollments were reported, but it is possible that they included some enrollments in mechanical drawing.

Other Instruction or Courses

Group guidance, student service, and instruction to special groups are included in this category in tables 2 and 3. Group guidance possibly should have been included under orientation; discussion of the subject will be found with orientation in the social studies field.

A course listed for the first time in 1949 is student service. It is a composite of courses under various labels, such as student leadership, student government, and special interests. Schools in 18 States report such courses.

Special classes for exceptional children, including the handicapped and mentally retarded, enroll less than 0.05 percent of all pupils. Such classes were reported by schools in 1 State in 1934 and in 20 States in 1949. Doubtless individual needs of many of these children are being met in regular classes.

Summary

During the 15 years between the present investigation and the preceding one, as for many years prior to 1934, American high schools grew less selective. Approximately the same number of pupils attended the last 4 years of high school in 1949 as in 1934. However, because they were born during depression years when birth rates were low, youth of high-school age were a smaller group in 1949 than in 1934. In 1934 there were graduated from high schools 333 of every 1,000 pupils who had been in the fifth grade in 1926-27.¹³ In 1948 there were graduated 481 of every 1,000 pupils who had been in the fifth grade in 1940-41.¹⁴ American high schools are in the process of becoming common schools.

The following summary paragraphs describe briefly the status of subject enrollments in 1949, and some changes which occurred in enrollments between 1934 and 1949. For the most part, the changes are in the direction of more functional education. They represent efforts to meet life

¹³ *Statistical Summary of Education 1945-46*. (Federal Security Agency, Office of Education, Biennial Survey of Education in the United States, 1944-46, ch. 1) p. 31.

¹⁴ *Statistical Summary of Education 1947-48*. (Federal Security Agency, Office of Education, Biennial Survey of Education in the United States, 1946-48, ch. 1) p. 43.

needs of increasingly diverse bodies of pupils. This is not to suggest that high-school pupils were a homogeneous group in 1934. The democratization of the high school began long before that, and the changes reported here are largely continuations of trends which were apparent in 1934.

1. The largest enrollments are in health, safety, and physical education; English; and social studies. This is not surprising since these subjects are required in most States.

2. In all broad subject fields except foreign languages, trade and industrial education, business education, and agriculture, percentage enrollments are higher in junior than in senior high schools. The total of percentage enrollments in all subjects is considerably higher in junior high schools than in regular and senior high schools. Evidently pupils in junior high schools take more subjects than pupils in senior high schools. This could mean that junior high school pupils have the heavier loads; it could mean that junior high school pupils have comparable total loads but divide their time among a greater number of subjects. In either case it is possible that scheduling practices used in one type of organization might profitably be used in the other.

3. A development investigated nationally for the first time is the core, which uses the time ordinarily given to two or more subjects, e. g., English and social studies. Subject-matter lines are ignored in the consideration of problems common to all youth. Time is provided for group guidance and individual counseling. While less than 4 percent of all public secondary school pupils are enrolled in the core, it is present in more than 15 percent of all junior high schools.

4. Almost 2 percent of all public secondary day school pupils are enrolled in single-period orientation or social living courses which appear to have objectives similar to the core. These courses are most frequent in the first year of regular and senior high schools. In addition, almost as many pupils are enrolled in single-period courses labeled group guidance, personal problems, human relations, and social adjustment.

5. Enrollments in both mathematics and foreign languages in the last 4 years of high school (see table 7) were smaller percentages of the total pupil bodies in 1949 than in 1934. During the 15-year period enrollments in art and business education subjects held their own. Percentage enrollments in all other broad subject fields were increased between 1934 and 1949. These percentage figures are given some special significance because the total high-school enrollments in 1949 were approximately the same as in 1934. However, it should be remembered that the 1949 percentages are based upon all the pupils enrolled in high schools in that year, while the 1934 percentages are based upon 80 percent of the total pupil enrollment.

6. Among the broad subject fields (see table 7) home economics and industrial arts had the greatest percentage increases in enrollment from 1934 to 1949. These subjects are seldom required beyond the eighth grade, but apparently working with tools and materials has a great appeal for boys, just as homemaking has for girls.

7. In many instances enrollments in general courses have expanded while enrollments in more specialized courses have declined. Enrollments in biology have grown greatly at the expense of those in zoology and botany. General science has expanded at the expense of other more specific subjects of science. General mathematics has grown at the expense of algebra and geometry.

8. Among individual subjects physical education, typewriting, general mathematics (including arithmetic), and United States history are outstanding because of percentage increases in enrollments since 1934. More and more, physical education is being required. Typewriting is seldom a required subject and probably was elected chiefly for personal use. By many pupils general mathematics was probably chosen in place of algebra to meet a mathematics requirement. United States history is increasingly being required of all pupils, and in many States long-standing requirements are being better enforced. In part, also, the increased enrollment in United States history reflects the increased holding power of the school. More pupils are remaining in school until the eleventh grade, where they are generally required to take United States history.

9. Among individual subjects Latin and French show the greatest percentage decreases in enrollments from 1934 to 1949—a fact which probably reflects the relaxing of college-entrance requirements in foreign languages during the period.

10. In 1949 it was reported for the first time that more high-school pupils were studying Spanish than Latin. Spanish is the only one of the commonly taught foreign languages which gained appreciably during the years 1934-49. Probably this reflects relaxed college-entrance requirements, a concern for activities which seem likely to be of practical use, and the Nation's Good Neighbor policy.

11. A number of subjects reported for the first time in 1949 were taught in as many as 15 States. Conservation, consumer buying, safety education, driver education, and home management are efforts to meet common needs shared by all pupils. Doubtless some of them have been encouraged by interested citizens or even required by State legislatures. Fundamentals of electricity, as a separate course, is an innovation from World War II. Remedial English, mathematics review, radio speaking and broadcasting, vocational radio, diversified occupations, cooperative store training, and cooperative office training are taught chiefly in regular and senior high schools and represent efforts to meet individual needs of pupils. The last four subjects are vocational and the last three involve

the cooperation of employers and school authorities in supervising the work experiences of pupils. Classes in service art and in student service represent efforts to help pupils learn while they are performing useful services for the school.

12. A number of subjects are disappearing as subjects in their own right from the program of studies. Subjects reported by schools in as many as 15 States in 1934, and not reported in 15 States in 1949, include English history, industrial history, nature study, the novel, and the short story (the last two do not appear as separate subjects in 1949). Some of the content of these subjects is being absorbed in other courses. However, this is not true of Greek, which was taught in 8 States, and teacher training which was taught in 10 States in 1934. These subjects were reported in only 5 and 4 States, respectively, in 1949.

13. While the actual enrollments in the historical table are not comparable, in a number of subjects it was possible to make defensible estimates of actual as well as percentage enrollments in all the national investigations carried on since 1915. Percentage enrollments in algebra, geometry, physics, and Latin have shown progressive decreases in all investigations since 1915. However, from 1915 through 1934 the actual enrollments in these subjects were increasing while the percentages were decreasing. During those years enrollment gains in new subjects often obscured the fact that as many youth as ever before were enrolled in a traditional subject.

Table 1.—Total enrollment of pupils in public secondary day schools, by type of organization, and by State, 1948-49

State	TYPE OF SECONDARY SCHOOL			All public secondary day schools
	Junior	Regular (4-year) and senior	Junior-senior and undivided	
1	2	3	4	5
United States	1, 257, 134	3, 694, 124	1, 956, 575	6, 907, 833
Alabama.....	22, 861	29, 424	116, 908	169, 193
Arizona.....	4, 663	21, 526	3, 919	30, 108
Arkansas.....	11, 169	22, 596	74, 721	108, 486
California.....	145, 181	287, 742	59, 313	492, 236
Colorado.....	19, 206	35, 107	15, 450	69, 763
Connecticut.....	16, 162	53, 009	7, 869	77, 040
Delaware.....	3, 608	2, 001	10, 734	16, 343
Florida.....	34, 100	31, 758	70, 305	136, 163
Georgia.....	9, 731	102, 051	19, 725	131, 507
Idaho.....	6, 942	26, 000	2, 896	35, 838
Illinois.....	21, 926	289, 558	4, 560	316, 044
Indiana.....	22, 701	92, 901	87, 806	203, 408
Iowa.....	27, 147	82, 165	27, 780	137, 092
Kansas.....	24, 819	64, 731	19, 390	108, 940
Kentucky.....	15, 041	46, 446	55, 028	116, 515
Louisiana.....	2, 235	50, 015	24, 093	76, 343
Maine.....	3, 346	26, 138	12, 304	41, 788
Maryland.....	25, 356	19, 530	55, 717	100, 603
Massachusetts.....	68, 589	118, 482	23, 152	210, 223
Michigan.....	68, 963	116, 323	118, 834	304, 120

Table 1.—Total enrollment of pupils in public secondary day schools by type of organization, and by State, 1948-49—Continued

State	TYPE OF SECONDARY SCHOOL			All public secondary day schools
	Junior	Regular (4-year) and senior	Junior-senior and undivided	
1	2	3	4	5
Minnesota.....	20, 208	44, 920	96, 654	161, 782
Mississippi.....	2, 969	28, 622	61, 257	92, 848
Missouri.....	15, 481	112, 000	39, 092	166, 573
Montana.....	2, 781	21, 737	4, 155	28, 673
Nebraska.....	5, 543	51, 294	11, 826	68, 663
Nevada.....	1, 395	5, 055	254	6, 704
New Hampshire.....	4, 747	11, 471	9, 690	25, 908
New Jersey.....	32, 623	142, 186	18, 176	192, 985
New Mexico.....	7, 106	15, 487	5, 817	28, 410
New York.....	134, 229	377, 049	145, 649	656, 927
North Carolina.....	7, 943	138, 779	15, 362	162, 084
North Dakota.....	2, 322	21, 725	8, 850	32, 897
Ohio.....	60, 614	145, 491	185, 659	391, 764
Oklahoma.....	32, 503	78, 496	32, 564	143, 563
Oregon.....	11, 742	51, 184	8, 653	71, 579
Pennsylvania.....	116, 104	216, 271	198, 390	530, 765
Rhode Island.....	13, 561	15, 947	3, 771	33, 279
South Carolina.....	7, 286	38, 277	48, 033	93, 596
South Dakota.....	2, 542	24, 454	5, 246	32, 242
Tennessee.....	17, 980	85, 534	25, 302	128, 816
Texas.....	71, 999	214, 902	43, 292	330, 193
Utah.....	22, 050	18, 665	15, 901	56, 616
Vermont.....	237	5, 226	9, 807	15, 270
Virginia.....	12, 511	80, 923	36, 701	130, 135
Washington.....	25, 408	66, 327	19, 632	111, 367
West Virginia.....	27, 740	35, 535	65, 445	128, 720
Wisconsin.....	22, 499	105, 887	26, 181	154, 567
Wyoming.....	2, 600	9, 618	4, 712	16, 930
District of Columbia.....	18, 665	13, 559	-----	32, 224

Table 2.—Secondary school enrollment in subjects offered in 15 or more States, 1948-49

[Public secondary day schools, classified by type of organization]

Item	TYPE OF SECONDARY SCHOOL						All public secondary schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total
1	2	3	4	5	6	7	8	9
Total enrollment ¹	1, 257, 134	-----	3, 694, 124	-----	1, 956, 575	-----	6, 907, 833	-----
ENGLISH								
Seventh-grade English.....	424, 672	33. 8	-----	-----	313, 552	16. 0	738, 224	10. 7
Eighth-grade English.....	423, 522	33. 7	-----	-----	346, 635	17. 7	770, 157	11. 1
Ninth-grade English.....	384, 020	30. 5	801, 686	21. 7	378, 652	19. 4	1, 564, 358	22. 6
Tenth-grade English:								
Half year.....	-----	-----	411	(?)	252	(?)	663	(?)
Full year.....	14, 652	1. 2	1, 044, 671	28. 3	337, 911	17. 3	1, 397, 234	20. 2

NOTE.—For list of courses included under each subject-title, see the appendix.

¹ Refers to total number of pupils enrolled, not the sum of enrollments in all subjects.² Less than 0.05 percent, or fewer than 1 pupil in 2,000.

Table 2.—Secondary school enrollment in subjects offered in 15 or more States, 1948-49—Continued

[Public secondary day schools, classified by type of organization]

Item	TYPE OF SECONDARY SCHOOL						All public secondary schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total
1	2	3	4	5	6	7	8	9
ENGLISH—Continued								
Eleventh-grade English:								
Half year.....			7,343	0.2	2,807	0.1	10,150	0.1
Full year.....			896,212	24.3	291,656	14.9	1,187,868	17.2
Twelfth-grade English:								
Half year.....			15,059	.4	4,075	.2	19,134	.3
Full year.....			620,831	16.8	215,652	11.0	836,483	12.1
Speech and public speaking:								
Half year.....	11,583	0.9	59,755	1.6	15,398	.8	86,736	1.3
Full year.....	15,633	1.2	104,810	2.8	39,034	2.0	159,477	2.3
Dramatic art:								
Half year.....	5,411	.4	22,423	.6	5,433	.3	33,267	.5
Full year.....	8,063	.6	32,581	.9	9,046	.5	49,690	.7
Debate:								
Half year.....	79	(2)	5,025	.1	1,446	.1	6,550	.1
Full year.....	213	(2)	4,599	.1	2,303	.1	7,115	.1
Radio speaking and broadcasting:								
Half year.....	22	(2)	2,786	.1	272	(2)	3,080	(2)
Full year.....	66	(2)	2,378	.1	355	(2)	2,799	(2)
Journalism:								
Half year.....	2,119	.2	19,805	.5	5,540	.3	27,464	.4
Full year.....	4,504	.4	48,635	1.3	19,544	1.0	72,683	1.1
Creative writing:								
Half year.....	251	(2)	2,282	.1	292	(2)	2,825	(2)
Full year.....			1,589	(2)	212	(2)	1,801	(2)
World literature:								
Half year.....			2,462	.1	549	(2)	3,011	(2)
Full year.....			2,261	.1	166	(2)	2,427	(2)
Bible:								
Half year.....			1,093	(2)	133	(2)	1,226	(2)
Full year.....	780	.1	8,705	.2	1,985	.1	11,470	.2
Remedial English:								
Half year.....	2,177	.2	14,844	.4	2,763	.1	19,784	.3
Full year.....	4,040	.3	10,857	.3	1,942	.1	16,839	.2
Penmanship:								
Half year.....	1,078	.1	208	(2)	496	(2)	1,782	(2)
Full year.....	14,527	1.2	1,544	(2)	2,787	.1	18,858	.3
All other English:								
Half year.....	879	.1	3,390	.1	3,313	.2	7,582	.1
Full year.....	11,645	.9	4,028	.1	5,407	.3	21,080	.3
SOCIAL STUDIES								
U. S. history (grade 7, 8, or 9):								
Half year.....	42,436	3.4	523	(2)	34,958	1.8	77,917	1.1
Full year.....	481,186	38.3	6,531	.2	359,425	18.4	847,142	12.3
World history (grade 7 or 8):								
Half year.....	8,705	.7			887	(2)	9,592	.1
Full year.....	14,244	1.1			9,193	.5	23,437	.3
State history (grade 7 or 8):								
Half year.....	36,025	2.9			40,269	2.1	76,294	1.1
Full year.....	25,976	2.1			45,037	2.3	71,013	1.0
Ancient and/or medieval history (grade 7 or 8):								
Half year.....	3,578	.3			623	(2)	4,201	.1
Full year.....	8,335	.7			6,574	.3	14,909	.2
World geography (grade 7 or 8):								
Half year.....	61,060	4.9			25,500	1.3	86,560	1.3
Full year.....	170,314	13.5			141,698	7.2	312,012	4.5
American geography (grade 7 or 8):								
Half year.....	55,672	4.4			23,946	1.2	79,618	1.2
Full year.....	83,400	6.6			49,068	2.5	132,468	1.9

NOTE.—For list of courses included under each subject-title, see the appendix.

² Less than 0.05 percent, or fewer than 1 pupil in 2,000.

Table 2.—Secondary school enrollment in subjects offered in 15 or more States, 1948-49—Continued

[Public secondary day schools, classified by type of organization]

Item	TYPE OF SECONDARY SCHOOL						All public secondary schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total
1	2	3	4	5	6	7	8	9
SOCIAL STUDIES—Continued								
Community civics (grade 7, 8, or 9):								
Half year.....	130,720	10.4	91,916	2.5	74,739	3.8	297,375	4.3
Full year.....	210,992	16.8	236,703	6.4	194,963	10.0	642,658	9.3
Occupations:								
Half year.....	38,270	3.0	46,488	1.3	20,865	1.1	105,623	1.5
Full year.....	20,844	1.7	15,163	.4	16,468	.8	52,475	.8
Orientation:								
Half year.....	17,834	1.4	33,698	.9	10,115	.5	61,647	.9
Full year.....	8,357	.7	35,979	1.0	8,879	.5	53,215	.8
U. S. history, advanced:								
Half year.....			25,276	.7	6,612	.3	31,888	.5
Full year.....	1,632	.1	910,636	24.7	287,538	14.7	1,199,806	17.4
Latin-American history (grades 9-12):								
Half year.....	11,863	.9	6,756	.2	5,176	.3	23,795	.3
Full year.....			2,354	.1	479	(2)	2,833	(2)
World history (grades 9-12):								
Half year.....	5,165	.4	9,523	.3	5,705	.3	20,393	.3
Full year.....	44,272	3.5	570,623	15.4	241,144	12.3	856,039	12.4
State history (grades 9-12):								
Half year.....	28,755	2.3	61,254	1.7	33,145	1.7	123,154	1.8
Full year.....	4,515	.4	14,254	.4	4,808	.2	23,577	.3
Ancient and/or medieval history (grades 9-12):								
Half year.....	2,792	.2	6,729	.2	2,096	.1	11,617	.2
Full year.....	10,934	.9	44,265	1.2	12,657	.6	67,856	1.0
Modern European history (grades 9-12):								
Half year.....	1,046	.1	4,965	.1	989	.1	7,000	.1
Full year.....	3,663	.3	87,759	2.4	14,952	.8	106,374	1.5
World geography (grades 9-12):								
Half year.....	25,336	2.0	49,390	1.3	20,592	1.1	95,318	1.4
Full year.....	37,998	3.0	95,933	2.6	42,720	2.2	176,651	2.6
American geography (grades 9-12):								
Half year.....	969	.1	4,065	.1	880	(2)	5,914	.1
Full year.....	6,045	.5	12,135	.3	5,589	.3	23,769	.3
American government or advanced civics:								
Half year.....	666	.1	206,894	5.6	59,051	3.0	266,611	3.9
Full year.....	430	(2)	117,894	3.2	46,981	2.4	165,305	2.4
Problems of democracy:								
Half year.....	44	(2)	48,552	1.3	20,291	1.0	68,887	1.0
Full year.....	195	(2)	137,349	3.7	76,540	3.9	214,084	3.1
International relations:								
Half year.....			6,085	.2	1,209	.1	7,294	.1
Full year.....			1,263	(2)	196	(2)	1,459	(2)
Economics:								
Half year.....	276	(2)	162,751	4.4	46,226	2.4	209,253	3.0
Full year.....			33,976	.9	11,541	.6	45,517	.7
Sociology:								
Half year.....			109,794	3.0	35,069	1.8	144,863	2.1
Full year.....			30,186	.8	10,852	.6	41,038	.6
Psychology:								
Half year.....			26,847	.7	5,658	.3	32,505	.5
Full year.....			10,646	.3	3,396	.2	14,042	.2
Consumer education:								
Half year.....	534	(2)	10,108	.3	6,281	.3	16,923	.2
Full year.....	66	(2)	8,606	.2	5,337	.3	14,009	.2

NOTE.—For list of courses included under each subject-title, see the appendix.

² Less than 0.05 percent, or fewer than 1 pupil in 2,000.

Table 2.—Secondary school enrollment in subjects offered in 15 or more States, 1948-49—Continued

[Public secondary day schools, classified by type of organization]

Item	TYPE OF SECONDARY SCHOOL						All public secondary schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total
1	2	3	4	5	6	7	8	9
SCIENCE								
Seventh-grade general science:								
Half year.....	81,549	6.5			50,661	2.6	132,210	1.9
Full year.....	170,783	13.6			170,908	8.7	341,691	4.9
Eighth-grade general science:								
Half year.....	83,223	6.6			51,251	2.6	134,474	1.9
Full year.....	248,876	19.8			228,785	11.7	477,661	6.9
Ninth-grade general science:								
Half year.....	15,655	1.2	8,263	0.2	3,834	.2	27,752	.4
Full year.....	241,260	19.2	545,084	14.8	259,838	13.3	1,046,182	15.1
Biology:								
Half year.....	500	(2)	2,223	.1	672	(2)	3,395	(2)
Full year.....	16,193	1.3	709,815	19.2	260,353	13.3	986,361	14.3
Botany:								
Half year.....			1,157	(2)			1,157	(2)
Full year.....			5,898	.2	615	(2)	6,513	.1
Physiology:								
Half year.....	27	(2)	11,988	.3	2,832	.1	14,847	.2
Full year.....			31,412	.9	7,333	.4	38,745	.6
Zoology:								
Half year.....			1,431	(2)			1,431	(2)
Full year.....			3,274	.1	346	(2)	3,620	.1
Earth science:								
Half year.....	27	(2)	4,007	.1	794	(2)	4,828	.1
Full year.....	320	(2)	14,026	.4	1,401	.1	15,747	.2
Aeronautics:								
Half year.....			1,384	(2)	443	(2)	1,827	(2)
Full year.....	128	(2)	10,088	.3	2,916	.1	13,132	.2
Advanced general science:								
Half year.....			1,472	(2)	348	(2)	1,820	(2)
Full year.....	66	(2)	36,397	1.0	9,763	.5	46,226	.7
Physical science:								
Half year.....			192	(2)	99	(2)	291	(2)
Full year.....			5,645	.2	1,070	.1	6,715	.1
Chemistry:								
Half year.....			1,005	(2)	526	(2)	1,531	(2)
Full year.....			302,505	8.2	102,626	5.2	405,131	5.9
Advanced chemistry:								
Half year.....			260	(2)	77	(2)	337	(2)
Full year.....			1,329	(2)	191	(2)	1,520	(2)
Physics:								
Half year.....			860	(2)	424	(2)	1,284	(2)
Full year.....			206,733	5.6	70,817	3.6	277,550	4.0
Fundamentals of electricity:								
Half year.....			898	(2)	121	(2)	1,019	(2)
Full year.....			1,214	(2)	184	(2)	1,398	(2)
Radio, including electronics:								
Half year.....			673	(2)	25	(2)	698	(2)
Full year.....			2,436	.1	114	(2)	2,550	(2)
Advanced biology:								
Half year.....			600	(2)	15	(2)	615	(2)
Full year.....			2,504	.1	457	(2)	2,961	(2)
Conservation:								
Half year.....	333	(2)	807	(2)	706	(2)	1,846	(2)
Full year.....	74	(2)	1,013	(2)	613	(2)	1,700	(2)
Related science:								
Half year.....			1,829	(2)	289	(2)	2,118	(2)
Full year.....	80	(2)	4,220	.1	914	(2)	5,214	.1

NOTE.—For list of courses included under each subject-title, see the appendix.

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Table 2.—Secondary school enrollment in subjects offered in 15 or more States, 1948-49—Continued

[Public secondary day schools, classified by type of organization]

Item	TYPE OF SECONDARY SCHOOL						All public secondary schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total
1	2	3	4	5	6	7	8	9
MATHEMATICS								
Seventh-grade arithmetic:								
Half year.....	853	0.1			276	(2)	1,129	(2)
Full year.....	420,431	33.4			314,462	16.1	734,893	10.6
Eighth-grade arithmetic:								
Half year.....	8,877	.7			649	(2)	9,526	.1
Full year.....	408,320	32.5			346,310	17.7	754,630	10.9
Elementary algebra:								
Half year.....	1,177	.1	5,745	0.2	1,289	.1	8,211	.1
Full year.....	185,301	14.7	591,760	16.0	257,179	13.1	1,034,240	15.0
Intermediate algebra:								
Half year.....			63,192	1.7	16,175	.8	79,367	1.1
Full year.....	1,788	.1	221,506	6.0	69,491	3.6	292,785	4.2
General mathematics:								
Half year.....	10,965	.9	21,448	.6	6,741	.3	39,154	.6
Full year.....	125,020	9.9	346,523	9.4	139,113	7.1	610,656	8.8
Plane geometry:								
Half year.....			2,546	.1	783	(2)	3,329	(2)
Full year.....	3,309	.3	451,532	12.2	141,166	7.2	596,007	8.6
Solid geometry:								
Half year.....			60,392	1.6	21,868	1.1	82,260	1.2
Full year.....			8,178	.2	3,506	.2	11,684	.2
Trigonometry:								
Half year.....			72,617	2.0	22,434	1.1	95,051	1.4
Full year.....			9,651	.3	3,849	.2	13,500	.2
Advanced or college algebra:								
Half year.....			18,585	.5	4,195	.2	22,780	.3
Full year.....			9,073	.2	2,510	.1	11,583	.2
Advanced general mathematics:								
Half year.....			7,485	.2	1,750	.1	9,235	.1
Full year.....	315	(3)	25,157	.7	7,893	.4	33,365	.5
Mathematics review:								
Half year.....			5,738	.2	1,106	.1	6,844	.1
Full year.....			4,718	.1	770	(2)	5,488	.1
Other mathematics:								
Half year.....			608	(2)	105	(2)	713	(2)
Full year.....			730	(2)	174	(2)	904	(2)
FOREIGN LANGUAGES								
Spanish (grade 7 or 8):								
Half year.....	4,931	.4			166	(2)	5,097	.1
Full year.....	7,269	.6			810	(2)	8,079	.1
Spanish I:								
Half year.....	314	(2)			89	(2)	403	(2)
Full year.....	36,870	2.9	176,663	4.8	39,591	2.0	253,124	3.7
Spanish II:								
Half year.....			148	(2)			148	(2)
Full year.....	1,270	.1	130,176	3.5	24,586	1.3	156,032	2.3
Spanish III:								
Half year.....			125	(2)			125	(2)
Full year.....			25,678	.7	2,785	.1	28,463	.4
Spanish IV:								
Half year.....			8	(2)			8	(2)
Full year.....			4,658	.1	625	(2)	5,283	.1
Latin (grade 7 or 8):								
Half year.....	1,411	.1			289	(2)	1,700	(2)
Full year.....	6,842	.5			1,407	.1	8,249	.1
Latin I:								
Half year.....					84	(2)	84	(2)
Full year.....	50,272	4.0	123,371	3.3	62,391	3.2	236,034	3.4

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Table 2.—Secondary school enrollment in subjects offered in 15 or more States, 1948-49—Continued

[Public secondary day schools, classified by type of organization]

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	Junior		Regular (4-year) and senior		Junior-senior and undivided			
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1	2	3	4	5	6	7	8	9
FOREIGN LANGUAGES—Continued								
Latin II:								
Half year.....			154	(2)	31	(2)	185	(2)
Full year.....	1,523	0.1	112,728	3.1	41,558	2.1	155,809	2.3
Latin III:								
Half year.....			85	(2)			85	(2)
Full year.....			18,210	.5	4,572	.2	22,782	.3
Latin IV:								
Half year.....			8	(2)	27	(2)	35	(2)
Full year.....			5,907	.2	1,383	.1	7,290	.1
French I:								
Half year.....	147	(2)	168	(2)	92	(2)	407	(2)
Full year.....	20,228	1.6	87,235	2.4	26,404	1.3	133,867	1.9
French II:								
Half year.....			16	(2)	22	(2)	38	(2)
Full year.....	282	(2)	72,692	2.0	17,672	.9	90,646	1.3
French III:								
Half year.....			23	(2)	2	(2)	25	(2)
Full year.....			21,758	.6	3,522	.2	25,280	.4
French IV:								
Half year.....			77	(2)			77	(2)
Full year.....			4,314	.1	629	(2)	4,943	.1
German I:								
Half year.....	49	(2)					49	(2)
Full year.....	1,412	.1	18,141	.5	3,011	.2	22,564	.3
German II:								
Half year.....			149	(2)			149	(2)
Full year.....	20	(2)	13,985	.4	2,230	.1	16,235	.2
German III:								
Half year.....			41	(2)			41	(2)
Full year.....			3,240	.1	359	(2)	3,599	.1
General foreign language:								
Half year.....	4,677	.4	25	(2)	1,365	.1	6,067	.1
Full year.....	5,498	.4	311	(2)	1,144	.1	6,953	.1
INDUSTRIAL ARTS—NONVOCATIONAL								
General shop:								
Half year.....	40,977	3.3	12,242	.3	18,636	1.0	71,855	1.0
Full year.....	165,926	13.2	137,933	3.7	151,572	7.7	455,431	6.6
Woodworking:								
Half year.....	54,958	4.4	23,662	.6	19,688	1.0	98,308	1.4
Full year.....	85,163	6.8	151,912	4.1	80,985	4.1	318,060	4.6
Mechanical drawing:								
Half year.....	37,941	3.0	32,351	.9	19,272	1.0	89,564	1.3
Full year.....	49,315	3.9	172,191	4.7	53,619	2.7	275,125	4.0
Metal work:								
Half year.....	35,326	2.8	12,344	.3	7,837	.4	55,507	.8
Full year.....	37,821	3.0	71,233	1.9	28,394	1.5	137,448	2.0
Printing:								
Half year.....	20,173	1.6	5,376	.1	3,209	.2	28,758	.4
Full year.....	23,474	1.9	24,472	.7	8,257	.4	56,203	.8
Electrical work:								
Half year.....	14,857	1.2	4,888	.1	4,283	.2	24,028	.3
Full year.....	12,739	1.0	20,532	.6	6,547	.3	39,818	.6
Handcrafts:								
Half year.....	5,832	.5	2,867	.1	3,772	.2	12,471	.2
Full year.....	9,165	.7	5,670	.2	4,058	.2	18,893	.3
Automobile mechanics:								
Half year.....	1,118	.1	4,204	.1	313	(2)	5,635	.1
Full year.....	534	(2)	14,422	.4	1,473	.1	16,429	.2

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Table 2.—Secondary school enrollment in subjects offered in 15 or more States, 1948-49—Continued

[Public secondary day schools, classified by type of organization]

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1	2	3	4	5	6	7	8	9
INDUSTRIAL ARTS—NONVOCATIONAL—Continued								
Home mechanics:								
Half year.....	1,356	0.1	982	(2)	374	(2)	2,712	(2)
Full year.....	1,173	.1	2,770	0.1	1,638	0.1	5,581	0.1
Photography:								
Half year.....	137	(2)	2,819	.1	469	(2)	3,425	(2)
Full year.....	380	(2)	3,179	.1	485	(2)	4,044	.1
Ceramics:								
Half year.....	759	.1	912	(2)	29	(2)	1,700	(2)
Full year.....	743	.1	3,481	.1	701	(2)	4,925	.1
Industrial arts I:								
Half year.....			197	(2)	218	(2)	415	(2)
Full year.....	5,636	.4	3,302	.1	2,126	.1	11,064	.2
Industrial arts II:								
Half year.....			1,107	(2)			1,107	(2)
Full year.....			2,631	.1	406	(2)	3,037	(2)
Industrial arts mathematics:								
Half year.....			1,038	(2)	108	(2)	1,146	(2)
Full year.....	109	(2)	5,703	.2	604	(2)	6,416	.1
TRADE AND INDUSTRIAL EDUCATION—VOCATIONAL								
Vocational related subjects:								
Half year.....			1,733	(2)	659	(2)	2,392	(2)
Full year.....	1,031	.1	16,833	.5	1,421	.1	19,285	.3
Shop mathematics:								
Half year.....			2,247	.1	259	(2)	2,506	(2)
Full year.....	367	(2)	33,796	.9	1,671	.1	35,834	.5
Trade science:								
Half year.....			2,938	.1	374	(2)	3,312	(2)
Full year.....	244	(2)	18,608	.5	788	(2)	19,640	.3
Diversified occupations:								
Half year.....			80	(2)			80	(2)
Full year.....			6,744	.2	2,002	.1	8,746	.1
General industrial shop:								
Half year.....			613	(2)			613	(2)
Full year.....			2,821	.1	500	(2)	3,321	(2)
Machine shop:								
Half year.....			1,963	.1	739	(2)	2,702	(2)
Full year.....	258	(2)	35,005	.9	6,453	.3	41,716	.6
Automobile mechanics:								
Half year.....			3,003	.1	465	(2)	3,468	.1
Full year.....	14	(2)	31,377	.8	4,353	.2	35,744	.5
Mechanical drafting:								
Half year.....			2,835	.1	933	(2)	3,768	.1
Full year.....	630	.1	57,960	1.6	5,010	.3	63,600	.9
Carpentry:								
Half year.....			1,743	(2)	158	(2)	1,901	(2)
Full year.....			10,205	.3	2,508	.1	12,713	.2
Cabinet making:								
Half year.....			1,680	(2)	694	(2)	2,374	(2)
Full year.....	115	(2)	11,663	.3	2,571	.1	14,349	.2
Radio:								
Half year.....			560	(2)	142	(2)	702	(2)
Full year.....			8,650	.2	586	(2)	9,236	.1
Electrical work:								
Half year.....	103	(2)	910	(2)	202	(2)	1,215	(2)
Full year.....	374	(2)	17,799	.5	1,368	.1	19,541	.3

NOTE.—For list of courses included under each subject-title, see the appendix.

1 Less than 0.05 percent, or fewer than 1 pupil in 2,000.

Table 2.—Secondary school enrollment in subjects offered in 15 or more States, 1948-49—Continued

[Public secondary day schools, classified by type of organization]

Item	TYPE OF SECONDARY SCHOOL						All public secondary schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total
1	2	3	4	5	6	7	8	9
TRADE AND INDUSTRIAL EDUCATION—VOCATIONAL—Continued								
Printing:								
Half year.....			1, 477	(²)	211	(²)	1, 688	(²)
Full year.....	194	(²)	10, 347	0.3	1, 521	0.1	12, 062	0.2
Sheet metal:								
Half year.....			3, 225	.1	144	(²)	3, 369	(²)
Full year.....	35	(²)	4, 280	.1	463	(²)	4, 778	.1
Aviation:								
Half year.....			352	(²)			352	(²)
Full year.....			5, 025	.1	142	(²)	5, 167	.1
Welding:								
Half year.....			521	(²)	130	(²)	651	(²)
Full year.....			2, 510	.1	158	(²)	2, 668	(²)
Cosmetology:								
Half year.....			260	(²)	6	(²)	266	(²)
Full year.....			4, 820	.1	598	(²)	5, 418	.1
BUSINESS EDUCATION								
General business:								
Half year.....	9, 468	0.8	18, 961	.5	8, 386	.4	36, 815	.5
Full year.....	60, 623	4.8	128, 915	3.5	53, 224	2.7	242, 762	3.5
Business arithmetic:								
Half year.....	1, 771	.1	42, 591	1.2	13, 949	.7	58, 311	.8
Full year.....	21, 475	1.7	121, 124	3.3	48, 780	2.5	191, 379	2.8
Bookkeeping I:								
Half year.....	176	(²)	9, 105	.2	3, 267	.2	12, 548	.2
Full year.....	1, 331	.1	284, 331	7.7	99, 871	5.1	385, 533	5.6
Bookkeeping II:								
Half year.....			4, 387	.1	846	(²)	5, 233	.1
Full year.....			52, 299	1.4	12, 105	.6	64, 404	.9
Bookkeeping III:								
Half year.....			465	(²)	86	(²)	551	(²)
Full year.....			3, 439	.1	211	(²)	3, 650	.1
Typing I:								
Half year.....	12, 702	1.0	15, 295	.4	3, 062	.2	31, 059	.4
Full year.....	64, 283	5.1	588, 064	15.9	220, 626	11.3	872, 973	12.6
Typing II:								
Half year.....	363	(²)	12, 023	.3	3, 227	.2	15, 613	.2
Full year.....	525	(²)	209, 317	5.7	77, 848	4.0	287, 690	4.2
Typing III:								
Half year.....			506	(²)	16	(²)	522	(²)
Full year.....			6, 201	.2	1, 337	.1	7, 538	.1
Shorthand I:								
Half year.....	217	(²)	3, 859	.1	1, 236	.1	5, 312	.1
Full year.....	468	(²)	209, 143	5.7	75, 357	3.9	284, 968	4.1
Shorthand II:								
Half year.....			3, 244	.1	474	(²)	3, 718	.1
Full year.....			91, 988	2.5	33, 145	1.7	125, 133	1.8
Business law:								
Half year.....			67, 098	1.8	17, 866	.9	84, 964	1.2
Full year.....			32, 526	.9	13, 095	.7	45, 621	.7
Business English:								
Half year.....	116	(²)	16, 996	.5	4, 833	.2	21, 945	.3
Full year.....	877	.1	24, 847	.7	8, 951	.5	34, 675	.5
Economic geography:								
Half year.....	397	(²)	25, 373	.7	6, 831	.3	32, 601	.5
Full year.....	997	.1	45, 168	1.2	11, 279	.6	57, 444	.8

NOTE.—For list of courses included under each subject-title, see the appendix.

² Less than 0.05 percent, or fewer than 1 pupil in 2,000.

Table 2.—Secondary school enrollment in subjects offered in 15 or more States, 1948-49—Continued

(Public secondary day schools, classified by type of organization)

Item	TYPE OF SECONDARY SCHOOL						All public secondary schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total
1	2	3	4	5	6	7	8	9
BUSINESS EDUCATION—Continued								
Consumer economics:								
Half year.....			15,705	0.4	4,603	0.2	20,308	0.3
Full year.....	326	(2)	13,452	.4	4,786	.2	18,564	.3
Retailing:								
Half year.....	60	(2)	9,880	.3	1,372	.1	11,312	.2
Full year.....			14,783	.4	2,075	.1	16,858	.2
Salesmanship:								
Half year.....	66	(2)	21,818	.6	7,966	.4	29,850	.4
Full year.....			16,871	.5	3,754	.2	20,625	.3
Advertising:								
Half year.....			3,867	.1	453	(2)	4,320	.1
Full year.....			1,244	(2)	644	(2)	1,888	(2)
Cooperative office training:								
Half year.....	101	(2)	3,440	.1	1,084	.1	4,625	.1
Full year.....			12,517	.3	4,310	.2	16,827	.2
Cooperative store training:								
Half year.....			1,554	(2)	463	(2)	2,017	(2)
Full year.....			10,950	.3	3,049	.2	13,999	.2
Office practice:								
Half year.....	524	(2)	14,412	.4	2,628	.1	17,564	.3
Full year.....	2,345	0.2	76,813	2.1	11,479	.6	90,637	1.3
HOME ECONOMICS								
Junior homemaking (grade 7 or 8):								
Half year.....	44,576	3.5			19,786	1.0	64,362	.9
Full year.....	227,251	18.1			88,937	4.5	316,188	4.6
Junior homemaking for boys (grade 7 or 8):								
Half year.....	1,830	.1			125	(2)	1,955	(2)
Full year.....	5,343	.4			1,131	.1	6,474	.1
Homemaking, general:								
Half year.....	115	(2)	6,810	.2	654	(2)	7,579	.1
Full year.....	1,178	.1	21,855	.6	13,256	.7	36,289	.5
Foods, first year:								
Half year.....	5,031	.4	26,991	.7	6,083	.3	38,105	.6
Full year.....	1,312	.1	59,407	1.6	12,148	.6	72,867	1.1
Foods, second year:								
Half year.....	470	(2)	13,071	.4	2,956	.2	16,497	.2
Full year.....	174	(2)	21,213	.6	5,681	.3	27,068	.4
Foods, third year:								
Half year.....			2,249	.1	297	(2)	2,546	(2)
Full year.....			1,587	(2)	224	(2)	1,811	(2)
Clothing, first year:								
Half year.....	5,416	.4	26,736	.7	6,211	.3	38,363	.6
Full year.....	3,136	.2	67,861	1.8	12,249	.6	83,246	1.2
Clothing, second year:								
Half year.....	97	(2)	16,979	.5	3,412	.2	20,488	.3
Full year.....	79	(2)	33,057	.9	6,608	.3	39,744	.6
Clothing, third year:								
Half year.....			2,283	.1	420	(2)	2,703	(2)
Full year.....			2,604	.1	416	(2)	3,020	(2)
Homemaking I:								
Half year.....	1,664	.1	573	(2)	477	(2)	2,714	(2)
Full year.....	99,343	7.9	205,286	5.6	125,547	6.4	430,176	6.2
Homemaking II:								
Half year.....			318	(2)	34	(2)	352	(2)
Full year.....	3,158	.3	149,901	4.1	80,664	4.1	233,723	3.4

NOTE.—For list of courses included under each subject-title, see the appendix.

² Less than 0.05 percent, or fewer than 1 pupil in 2,000.

Table 2.—Secondary school enrollment in subjects offered in 15 or more States, 1948-49—Continued

[Public secondary day schools, classified by type of organization]

Item	TYPE OF SECONDARY SCHOOL						All public secondary schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total
1	2	3	4	5	6	7	8	9
HOME ECONOMICS—Continued								
Homemaking III:								
Half year.....			624	(2)	82	(2)	706	(2)
Full year.....			59,079	1.6	30,398	1.6	89,477	1.3
Homemaking IV:								
Half year.....			121	(2)			121	(2)
Full year.....			11,855	.3	5,784	.3	17,639	.3
Home management:								
Half year.....	75	(2)	14,391	.4	2,477	.1	16,943	.2
Full year.....	269	(2)	19,451	.5	4,649	.2	24,369	.4
Health and home nursing:								
Half year.....	364	(2)	20,386	.6	4,578	.2	25,328	.4
Full year.....	184	(2)	13,696	.4	1,883	.1	15,763	.2
Family relationships:								
Half year.....			18,094	.5	3,980	.2	22,074	.3
Full year.....	46	(2)	7,107	.2	2,082	.1	9,235	.1
Child development:								
Half year.....			7,172	.2	858	(2)	8,030	.1
Full year.....			1,904	.1	950	(2)	2,854	(2)
Consumer buying:								
Half year.....			2,783	.1	1,179	.1	3,962	.1
Full year.....			734	(2)	396	(2)	1,130	(2)
The house:								
Half year.....			1,475	(2)	52	(2)	1,527	(2)
Full year.....			886	(2)	292	(2)	1,178	(2)
Related arts:								
Half year.....			1,921	.1	327	(2)	2,248	(2)
Full year.....	17	(2)	4,781	.1	173	(2)	4,971	.1
AGRICULTURE								
Agriculture (grade 7 or 8):								
Half year.....	2,384	0.2			1,771	.1	4,155	.1
Full year.....	251	(2)			4,804	.2	5,055	.1
Agriculture I:								
Half year.....			389	(2)	255	(2)	644	(2)
Full year.....	4,756	.4	102,747	2.8	51,212	2.6	158,715	2.3
Agriculture II:								
Half year.....			127	(2)	110	(2)	237	(2)
Full year.....	285	(2)	67,321	1.8	32,870	1.7	100,476	1.5
Agriculture III:								
Half year.....			103	(2)	17	(2)	120	(2)
Full year.....			49,321	1.3	23,098	1.2	72,419	1.0
Agriculture IV:								
Half year.....			47	(2)	77	(2)	124	(2)
Full year.....			22,422	.6	9,028	.5	31,450	.5
HEALTH, SAFETY, AND PHYSICAL EDUCATION								
Physical education:								
Half year.....	36,511	2.9	39,019	1.1	33,664	1.7	109,194	1.6
Full year.....	1,112,086	88.5	2,526,544	68.4	1,367,828	69.9	5,006,458	72.5
Health:								
Half year.....	66,871	5.3	117,231	3.2	88,895	4.5	272,997	4.0
Full year.....	386,768	30.8	732,978	19.8	423,826	21.7	1,543,572	22.3
Hygiene:								
Half year.....	23,012	1.8	52,355	1.4	23,946	1.2	99,313	1.4
Full year.....	102,487	8.2	90,696	2.5	41,826	2.1	235,009	3.4

NOTE.—For list of courses included under each subject-title, see the appendix.

* Less than 0.05 percent, or fewer than 1 pupil in 2,000.

Table 2.—Secondary school enrollment in subjects offered in 15 or more States, 1948-49—Continued

[Public secondary day schools, classified by type of organization]

Item	TYPE OF SECONDARY SCHOOL						All public secondary schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total	Subject enrollment	Percent of total
1	2	3	4	5	6	7	8	9
HEALTH SAFETY, AND PHYSICAL EDUCATION—Continued								
Safety:								
Half year.....	14, 049	1.1	74, 329	2.0	27, 945	1.4	116, 323	1.7
Full year.....	48, 949	3.9	55, 039	1.5	33, 645	1.7	137, 633	2.0
Driver education:								
Half year.....	12, 011	1.0	103, 826	2.8	42, 091	2.2	157, 928	2.3
Full year.....	1, 090	.1	33, 111	.9	14, 342	.7	48, 543	.7
Military drill:								
Half year.....	276	(²)	1, 392	(²)	89	(²)	1, 757	(²)
Full year.....	3, 225	.3	55, 170	1.5	7, 549	.4	65, 944	1.0
Music								
Chorus:								
Half year.....	20, 257	1.6	21, 947	.6	9, 699	.5	51, 903	.8
Full year.....	164, 245	13.1	310, 685	8.4	167, 205	8.5	642, 135	9.3
Band:								
Half year.....	3, 739	.3	12, 085	.3	5, 399	.3	21, 223	.3
Full year.....	68, 860	5.5	264, 100	7.1	153, 917	7.9	486, 877	7.0
Glee club:								
Half year.....	8, 539	.7	22, 238	.6	7, 666	.4	38, 443	.6
Full year.....	81, 698	6.5	244, 523	6.6	137, 355	7.0	463, 576	6.7
Music appreciation:								
Half year.....	36, 039	2.9	20, 319	.6	10, 425	.5	66, 783	1.0
Full year.....	114, 249	9.1	83, 017	2.2	75, 502	3.9	272, 768	3.9
General or public school music:								
Half year.....	21, 383	1.7	2, 900	.1	10, 326	.5	34, 609	.5
Full year.....	126, 943	10.1	28, 703	.8	51, 335	2.6	206, 981	3.0
Orchestra:								
Half year.....	2, 155	.2	7, 180	.2	1, 392	.1	10, 727	.2
Full year.....	37, 438	3.0	54, 364	1.5	29, 605	1.5	121, 407	1.8
Harmony:								
Half year.....	3, 633	.3	2, 667	.1	1, 916	.1	8, 216	.1
Full year.....	6, 706	.5	16, 878	.5	6, 705	.3	30, 289	.4
Instrumental music:								
Half year.....	232	(²)	867	(²)	78	(²)	1, 177	(²)
Full year.....	2, 512	.2	9, 048	.2	2, 892	.1	14, 452	.2
Theory and practice:								
Half year.....	286	(²)	959	(²)	217	(²)	1, 462	(²)
Full year.....	1, 576	.1	7, 685	.2	1, 912	.1	11, 173	.2
ART								
Art I:								
Half year.....	1, 514	.1	2, 228	.1	2, 645	.1	6, 387	.1
Full year.....	4, 244	.3	16, 712	.5	5, 887	.3	26, 843	.4
Art II:								
Half year.....	28	(²)	1, 035	(²)	513	(²)	1, 576	(²)
Full year.....	23	(²)	8, 927	.2	2, 182	.1	11, 132	.2
Art III:								
Half year.....			491	(²)	125	(²)	616	(²)
Full year.....			3, 389	.1	135	(²)	3, 524	.1
Art IV:								
Half year.....			1, 365	(²)	22	(²)	1, 387	(²)
Full year.....			2, 402	.1	177	(²)	2, 579	(²)
Freehand drawing:								
Half year.....	57, 267	4.6	15, 319	.4	12, 486	.6	85, 072	1.2
Full year.....	153, 319	12.2	83, 259	2.3	61, 301	3.1	297, 879	4.3
Art appreciation:								
Half year.....	63, 786	5.1	17, 557	.5	14, 840	.8	96, 183	1.4
Full year.....	138, 503	11.0	76, 076	2.1	59, 179	3.0	273, 758	4.0

NOTE.—For list of courses included under each subject-title, see the appendix.

² Less than 0.05 percent, or fewer than 1 pupil in 2,000.

Table 2.—Secondary school enrollment in subjects offered in 15 or more States, 1948-49—Continued

[Public secondary day schools, classified by type of organization]

Item	TYPE OF SECONDARY SCHOOL						All public secondary schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Subject enrollment	Per cent of total	Subject enrollment	Per cent of total	Subject enrollment	Per cent of total	Subject enrollment	Per cent of total
1	2	3	4	5	6	7	8	9
ART—Continued								
General art:								
Half year.....	40,880	3.3	5,082	0.1	11,916	0.6	57,878	0.8
Full year.....	105,894	8.4	36,448	1.0	53,517	2.7	195,859	2.8
Applied art:								
Half year.....	11,634	.9	9,957	.3	4,345	.2	25,936	.4
Full year.....	26,768	2.1	41,641	1.1	20,428	1.0	88,837	1.3
Commercial art:								
Half year.....	303	(²)	5,692	.2	1,688	.1	7,683	.1
Full year.....	3,485	.3	22,834	.6	4,027	.2	30,346	.4
School service art:								
Half year.....	1,051	.1	2,123	.1	364	(²)	3,538	.1
Full year.....	177	(²)	2,353	.1	150	(²)	2,680	(²)
OTHER INSTRUCTION OR COURSES								
Group guidance:								
Half year.....	2,997	.2	1,152	(²)	2,598	.1	6,747	.1
Full year.....	67,368	5.4	11,428	.3	6,421	.3	85,217	1.2
Student service:								
Half year.....	2,426	.2	571	(²)	84	(²)	3,081	(²)
Full year.....	2,557	.2	2,664	.1	503	(²)	5,724	.1
Instruction to special groups:								
Full year.....	979	.1	1,076	(²)	231	(²)	2,286	(²)

NOTE.—For list of courses included under each subject-title, see the appendix.

² Less than 0.05 percent, or fewer than 1 pupil in 2,000.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	Total enrollment	ENGLISH						
		Grade 7	Grade 8 ¹	Grade 9	Grade 10		Grade 11	
					Half year	Full year	Half year	Full year
1	2	3	4	5	6	7	8	9
United States	6,907,833	738,224	770,157	1,564,358	663	1,397,234	10,150	1,187,868
Alabama	169,193	31,299	29,753	31,797	-----	27,667	-----	24,094
Arizona	30,108	2,455	2,432	7,408	-----	6,314	808	4,248
Arkansas	108,486	19,596	18,103	22,535	-----	18,133	-----	15,338
California	492,236	58,391	57,098	106,532	-----	100,968	7,894	64,436
Colorado	69,763	10,410	9,868	14,164	-----	12,156	164	9,093
Connecticut	77,040	6,551	6,466	17,695	-----	16,191	-----	15,464
Delaware	16,343	3,110	2,834	2,939	-----	2,644	-----	1,960
Florida	136,163	26,621	24,302	25,596	-----	22,459	-----	18,870
Georgia	131,507	3,798	9,529	34,555	-----	31,846	-----	28,275
Idaho	35,838	3,214	3,251	8,051	-----	7,573	-----	7,242
Illinois	316,044	8,288	8,806	86,526	122	74,961	-----	65,020
Indiana	203,408	22,440	23,604	45,902	-----	39,379	704	35,466
Iowa	137,092	13,942	14,935	30,001	-----	27,429	20	25,269
Kansas	108,940	12,014	11,690	23,483	-----	22,273	-----	20,058
Kentucky	116,515	15,562	14,512	28,883	-----	21,950	-----	18,844
Louisiana	76,343	3,267	7,140	23,339	-----	18,924	-----	15,740
Maine	41,788	2,770	3,317	10,881	-----	8,868	-----	8,264
Maryland	100,603	20,717	20,199	20,608	-----	16,632	-----	17,712
Massachusetts	210,223	27,408	27,131	43,441	-----	38,518	-----	37,096
Michigan	304,120	40,246	42,627	63,270	-----	58,168	-----	48,454
Minnesota	161,782	19,678	19,629	33,855	-----	30,992	-----	28,855
Mississippi	92,848	12,363	12,966	20,628	-----	17,894	-----	15,292
Missouri	166,573	8,729	12,725	42,534	-----	39,481	-----	30,910
Montana	28,673	1,682	1,747	7,678	-----	6,128	30	5,646
Nebraska	68,663	3,821	3,729	16,912	-----	15,545	162	13,141
Nevada	6,704	441	508	1,780	-----	1,530	-----	1,380
New Hampshire	25,908	3,411	3,105	5,760	-----	4,862	-----	4,374
New Jersey	192,985	12,812	12,901	46,044	289	42,960	-----	39,179
New Mexico	28,410	3,467	3,338	6,586	-----	5,898	-----	4,800
New York	656,927	68,119	68,020	146,971	-----	129,412	-----	110,704
North Carolina	162,084	5,231	6,019	50,227	-----	39,537	-----	31,916
North Dakota	32,897	1,998	1,959	7,994	-----	7,616	16	6,762
Ohio	391,764	53,347	52,300	82,116	-----	73,291	255	63,470
Oklahoma	143,563	17,265	16,432	31,543	-----	29,041	-----	24,649
Oregon	71,579	5,393	6,147	17,101	-----	15,388	-----	13,740
Pennsylvania	530,765	62,949	65,720	110,592	252	105,208	-----	94,315
Rhode Island	33,279	5,488	5,396	6,216	-----	6,186	-----	5,089
South Carolina	93,596	8,115	15,014	21,548	-----	19,456	-----	16,371
South Dakota	32,242	1,748	1,576	8,265	-----	7,176	-----	6,740
Tennessee	128,816	11,464	10,903	35,811	-----	27,726	-----	22,653
Texas	330,193	32,262	34,792	68,612	-----	68,484	-----	61,201
Utah	56,616	8,833	10,388	10,921	-----	9,690	-----	7,512
Vermont	15,270	1,595	1,596	3,578	-----	3,079	-----	2,713
Virginia	130,135	4,831	14,722	34,127	-----	28,805	-----	24,368
Washington	111,367	10,791	12,297	24,195	-----	23,907	-----	20,575
West Virginia	128,720	22,621	20,756	27,792	-----	22,111	-----	18,147
Wisconsin	154,567	9,444	9,904	37,098	-----	34,364	97	31,366
Wyoming	16,930	1,930	1,722	3,986	-----	3,480	-----	2,683
District of Columbia	32,224	6,297	6,249	6,282	-----	4,934	-----	4,374

NOTE.—For list of courses included under each subject-title, see the appendix.

¹ In schools with an 11-year system, the eighth year has been tabulated under Grade 9, the ninth year under Grade 10, etc.

subjects offered in 15 or more States, 1948-49

ary day schools]

ENGLISH—Con.		SPEECH AND PUBLIC SPEAKING		DRAMATIC ART		DEBATE		RADIO SPEAK- ING AND BROADC. STING		State
Grade 12										
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
10	11	12	13	14	15	16	17	18	19	20
19, 134	836, 453	86, 736	159, 477	33, 267	49, 690	6, 550	7, 115	3, 080	2, 799	United States.
-----	19, 576	956	2, 411	141	465	40	367	-----	-----	Alabama.
-----	2, 406	789	816	226	558	-----	14	-----	-----	Arizona.
38	11, 668	816	2, 549	280	258	-----	157	-----	-----	Arkansas.
7, 809	23, 102	7, 519	9, 063	4, 284	10, 824	71	358	254	559	California.
181	6, 110	836	4, 101	334	1, 055	35	109	-----	-----	Colorado.
-----	14, 172	84	1, 449	16	153	-----	-----	-----	147	Connecticut.
-----	2, 016	167	319	-----	165	-----	-----	-----	-----	Delaware.
-----	14, 221	1, 471	3, 647	105	810	62	92	-----	-----	Florida.
131	21, 106	367	709	234	200	88	12	172	77	Georgia.
282	3, 806	132	1, 896	-----	693	-----	93	-----	50	Idaho.
694	35, 499	6, 035	8, 057	2, 171	2, 101	126	199	96	99	Illinois.
2, 610	13, 711	3, 208	3, 048	955	1, 303	237	147	89	107	Indiana.
1, 390	13, 520	4, 169	3, 060	778	637	115	111	44	63	Iowa.
204	2, 810	1, 369	3, 144	771	890	472	321	90	-----	Kansas.
-----	14, 001	1, 473	914	434	576	60	107	-----	-----	Kentucky.
-----	4, 890	750	1, 637	192	138	32	87	-----	-----	Louisiana.
-----	7, 443	288	749	68	60	49	-----	-----	-----	Maine.
-----	9, 465	139	1, 100	46	263	-----	27	-----	-----	Maryland.
-----	34, 212	1, 141	4, 775	349	956	614	360	22	36	Massachusetts.
446	29, 403	4, 209	7, 682	3, 057	1, 689	698	435	304	249	Michigan.
-----	26, 594	1, 543	4, 173	675	470	78	22	47	114	Minnesota.
-----	12, 676	240	903	179	135	-----	170	-----	-----	Mississippi.
619	16, 991	2, 843	8, 880	1, 551	1, 364	218	152	183	81	Missouri.
75	2, 746	545	334	338	82	177	45	-----	44	Montana.
918	6, 974	1, 620	1, 456	893	1, 074	86	177	-----	35	Nebraska.
-----	532	198	356	80	178	15	-----	-----	-----	Nevada.
-----	4, 244	-----	275	22	22	-----	-----	-----	-----	New Hampshire.
-----	36, 183	1, 537	4, 833	268	1, 189	-----	81	84	150	New Jersey.
-----	2, 788	246	655	118	191	-----	-----	-----	-----	New Mexico.
841	101, 911	17, 814	8, 898	5, 788	2, 070	251	54	1, 056	245	New York.
67	25, 983	666	1, 529	557	1, 496	535	313	-----	52	North Carolina.
36	5, 815	859	251	91	61	52	52	-----	-----	North Dakota.
675	37, 220	5, 271	11, 665	1, 673	3, 857	186	585	233	336	Ohio.
-----	19, 898	1, 967	9, 270	210	582	241	314	-----	-----	Oklahoma.
19	9, 356	1, 052	1, 746	466	1, 199	58	72	62	25	Oregon.
53	82, 545	1, 629	11, 502	957	3, 390	597	291	19	87	Pennsylvania.
-----	4, 623	600	149	96	90	-----	-----	-----	-----	Rhode Island.
-----	11, 944	624	745	82	1, 149	8	114	-----	-----	South Carolina.
52	5, 326	788	351	470	124	123	122	-----	-----	South Dakota.
-----	18, 937	222	2, 285	35	246	43	19	-----	-----	Tennessee.
194	44, 830	5, 187	13, 833	1, 938	1, 621	393	466	179	59	Texas.
-----	4, 884	515	1, 945	527	829	237	384	-----	99	Utah.
-----	2, 559	22	146	-----	375	-----	-----	-----	-----	Vermont.
-----	20, 137	552	1, 719	90	1, 437	16	80	-----	-----	Virginia.
1, 561	8, 818	1, 947	1, 989	852	1, 135	171	278	146	26	Washington.
117	13, 002	150	2, 171	-----	532	12	62	-----	-----	West Virginia.
-----	20, 036	1, 809	5, 794	713	732	319	239	-----	59	Wisconsin.
122	1, 686	186	346	99	114	35	27	-----	-----	Wyoming.
-----	4, 108	186	152	80	152	-----	-----	-----	-----	District of Colum- bia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	JOURNALISM		CREATIVE WRITING		WORLD LITERATURE		BIBLE	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	21	22	23	24	25	26	27	28
United States.	27, 464	72, 683	2, 825	1, 801	3, 011	2, 427	1, 226	11, 470
Alabama.....	164	477						82
Arizona.....	310	613	53		326			
Arkansas.....	374	1, 995					39	251
California.....	2, 701	9, 963	417	75	1, 272	1, 695		
Colorado.....	259	1, 483	14					
Connecticut.....	10	328	8	26		34		
Delaware.....		242						
Florida.....	123	1, 443		73				337
Georgia.....	322	880			69		40	777
Idaho.....	136	1, 066	43		119			416
Illinois.....	1, 721	3, 151	276	94	125	102		
Indiana.....	1, 425	1, 970			55		159	36
Iowa.....	801	1, 693	33	51			18	21
Kansas.....	260	2, 548			102			
Kentucky.....	497	524	54		115		220	
Louisiana.....	21	260						
Maine.....		40						
Maryland.....	41	1, 323		35				
Massachusetts.....	173	625		23		18		571
Michigan.....	2, 284	3, 037	40		64	74	69	15
Minnesota.....	510	1, 434	22	19				
Mississippi.....	116	320						259
Missouri.....	904	2, 039	18	35		219		
Montana.....	685	998	21					
Nebraska.....	855	1, 024	45	51	48			
Nevada.....	82	104						
New Hampshire.....		15						
New Jersey.....	467	1, 195	42	219		24		
New Mexico.....	138	366	40					
New York.....	4, 107	2, 067	942	289	526	45		
North Carolina.....	216	1, 035					54	1, 967
North Dakota.....	733	500						
Ohio.....	1, 931	5, 467	282	127	114	40	21	405
Oklahoma.....	186	2, 090		52			25	65
Oregon.....	317	1, 974		47	45	31		
Pennsylvania.....	578	2, 365	61	92		75		1, 254
Rhode Island.....		303						
South Carolina.....	15	678						
South Dakota.....	1, 245	922	71					
Tennessee.....	61	148					123	626
Texas.....	507	4, 965	35				301	639
Utah.....	165	661						2, 877
Vermont.....		157						
Virginia.....	91	1, 030					157	102
Washington.....	953	3, 003	267	43	31			
West Virginia.....	234	2, 554				38		770
Wisconsin.....	479	996	41	450		32		
Wyoming.....	140	346						
District of Columbia.....	127	266						

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

REMEDIAL ENGLISH		PENMANSHIP		ALL OTHER ENGLISH		U. S. HISTORY (GRADE 7, 8, OR 9)		WORLD HISTORY (GRADE 7 OR 8)		State
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
29	30	31	32	33	34	35	36	37	38	20
19, 784	16, 839	1, 782	18, 858	7, 582	21, 080	77, 917	847, 142	9, 592	23, 437	United States.
81	144	-----	-----	190	-----	14, 562	16, 352	677	1, 305	Alabama.
-----	264	-----	-----	243	54	-----	4, 235	-----	-----	Arizona.
6, 523	1, 821	283	-----	642	70	1, 267	20, 862	-----	147	Arkansas.
60	52	-----	-----	23	204	2, 862	59, 175	579	321	California.
48	91	34	-----	-----	-----	2, 362	9, 269	506	1, 855	Colorado.
-----	-----	-----	-----	-----	-----	-----	7, 960	104	-----	Connecticut.
225	243	-----	-----	140	-----	-----	3, 978	-----	90	Delaware.
140	47	-----	-----	-----	65	241	26, 052	-----	-----	Florida.
-----	242	-----	50	-----	59	1, 845	4, 122	-----	54	Georgia.
-----	-----	-----	-----	-----	-----	-----	3, 518	-----	-----	Idaho.
842	2, 614	-----	512	7	672	1, 225	10, 615	234	936	Illinois.
478	-----	-----	-----	15	117	2, 964	35, 705	564	45	Indiana.
145	131	-----	845	-----	943	1, 332	16, 715	-----	19	Iowa.
-----	55	266	1, 228	18	5	1, 334	13, 565	1, 484	288	Kansas.
64	53	-----	14	-----	-----	3, 074	14, 408	361	586	Kentucky.
-----	24	-----	-----	-----	-----	-----	3, 343	-----	-----	Louisiana.
274	-----	-----	-----	-----	-----	454	4, 575	-----	-----	Maine.
15	1, 124	-----	8, 534	688	2, 301	237	20, 131	-----	892	Maryland.
330	327	416	844	240	296	5, 242	38, 319	144	345	Massachusetts.
-----	-----	-----	-----	-----	-----	5, 493	44, 414	1, 571	475	Michigan.
-----	125	-----	-----	-----	45	348	24, 304	-----	39	Minnesota.
574	898	-----	-----	-----	-----	473	13, 794	-----	-----	Mississippi.
-----	20	-----	-----	15	-----	466	16, 560	-----	-----	Missouri.
-----	76	-----	1, 210	288	34	474	1, 451	-----	-----	Montana.
-----	-----	-----	-----	-----	-----	367	4, 296	-----	-----	Nebraska.
-----	-----	-----	-----	-----	-----	1, 185	64	-----	-----	Nevada.
193	1, 088	-----	-----	-----	-----	70	6, 157	-----	-----	New Hampshire.
17	-----	-----	-----	-----	17	930	20, 299	-----	441	New Jersey.
7, 321	2, 058	-----	-----	488	632	858	3, 575	-----	-----	New Mexico.
-----	-----	-----	-----	-----	-----	172	96, 479	-----	-----	New York.
-----	4	-----	-----	-----	68	647	4, 825	-----	55	North Carolina.
313	927	175	898	71	-----	605	2, 016	-----	-----	North Dakota.
73	-----	-----	429	37	908	4, 865	61, 673	463	108	Ohio.
319	509	232	-----	-----	42	2, 943	16, 196	-----	60	Oklahoma.
-----	-----	-----	-----	-----	-----	1, 302	5, 499	-----	18	Oregon.
753	1, 833	-----	3, 286	3, 675	12, 169	2, 807	73, 885	928	14, 124	Pennsylvania.
-----	92	-----	-----	405	-----	1, 874	7, 550	-----	-----	Rhode Island.
-----	274	-----	-----	-----	-----	510	14, 991	100	111	South Carolina.
20	-----	-----	-----	-----	38	256	1, 341	-----	-----	South Dakota.
276	161	50	1, 008	-----	32	294	11, 427	-----	-----	Tennessee.
182	336	35	-----	376	512	6, 750	29, 960	100	355	Texas.
-----	38	-----	-----	-----	22	298	9, 444	-----	-----	Utah.
53	338	-----	-----	-----	-----	494	1, 978	-----	117	Vermont.
212	341	321	-----	12	158	960	6, 341	82	104	Virginia.
-----	178	-----	-----	-----	-----	-----	14, 560	-----	-----	Washington.
127	164	-----	-----	-----	88	1, 317	21, 666	-----	-----	West Virginia.
-----	-----	-----	-----	9	32	45	11, 809	-----	360	Wisconsin.
-----	-----	-----	-----	-----	-----	172	2, 022	-----	-----	Wyoming.
126	147	-----	-----	-----	32	1, 941	5, 667	1, 695	187	District of Colum- bia.

Table 3.—Secondary school enrollment, by State,

[All public second

State	STATE HISTORY (GRADE 7 OR 8)		ANCIENT AND/OR MEDIEVAL HISTORY (GRADE 7 OR 8)		WORLD GEOGRAPHY (GRADE 7 OR 8)		AMERICAN GEOG- RAPHY (GRADE 7 OR 8)	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	39	40	41	42	43	44	45	46
United States	76, 294,	71, 013	4, 201	14, 909	86, 560	312, 012	79, 618	132, 468
Alabama	14, 247	1, 739	1, 054	569	4, 099	19, 221	3, 680	5, 777
Arizona					240	1, 136	400	153
Arkansas	1, 362	1, 689		55	1, 255	6, 890	838	4, 082
California	3, 976	919	453		8, 110	19, 914	20, 279	502
Colorado	1, 307	518		450	1, 030	4, 140	518	514
Connecticut	789	86			448	4, 531	260	1, 213
Delaware		40			160	539	152	780
Florida		266		52	1, 160	19, 745	594	4, 382
Georgia	1, 459	806			1, 448	763	437	1, 258
Idaho	1, 425	92			254	1, 445	254	330
Illinois		500			721	4, 727	336	1, 718
Indiana	2, 847	882			2, 350	4, 198	2, 410	3, 450
Iowa	1, 159	19	336		1, 070	5, 785	1, 398	3, 020
Kansas	1, 431	150	50	180	1, 877	4, 969	196	1, 373
Kentucky	7, 043	2, 253			2, 230	4, 792	3, 579	1, 381
Louisiana	135	6, 051				139		
Maine	137	83			397	920	113	1, 041
Maryland	411	1, 063			3, 137	9, 387	333	3, 588
Massachusetts		612		429	7, 308	13, 458	4, 555	12, 115
Michigan	2, 433	519	613	65	4, 382	15, 765	2, 496	5, 009
Minnesota	2, 621	3, 162			1, 886	12, 598	249	1, 738
Mississippi	3, 842	6, 410			231			
Missouri	228	1, 731		390	166	3, 141	248	1, 579
Montana		66			153	831	366	454
Nebraska	586				220	2, 432	192	380
Nevada	1, 185				405	36	405	
New Hampshire	37				587	2, 382	568	591
New Jersey			222	389	1, 680	7, 784	554	2, 408
New Mexico	594	741			336	2, 115	532	1, 502
New York	2, 491	13, 320		2, 763	3, 339	13, 260	3, 427	14, 743
North Carolina	552	4, 144			1, 058	570	500	796
North Dakota		289			292	1, 044		115
Ohio	2, 505	109	189	265	4, 094	30, 640	2, 602	9, 047
Oklahoma	1, 740	330			2, 508	6, 471	716	364
Oregon	621	705	30			2, 170		544
Pennsylvania	766	400	799	8, 727	13, 409	43, 132	9, 566	22, 027
Rhode Island	80			358	688	2, 098	559	1, 796
South Carolina	1, 284	2, 814	162	189	640	3, 969	901	1, 343
South Dakota						634		959
Tennessee	1, 788	5, 090			767	1, 652	827	3, 029
Texas	8, 272	9, 890		28	4, 739	3, 919	7, 233	4, 524
Utah	4, 158	2, 085			2, 969	1, 235	344	1, 109
Vermont	434	50			298	735	88	151
Virginia	80	500				2, 166	460	1, 097
Washington	158		293		2, 278	3, 102	2, 239	3, 853
West Virginia	1, 823	398			360	16, 261		4, 978
Wisconsin	116	241			640	4, 286	1, 144	1, 195
Wyoming	172	251			604	885	604	460
District of Colum- bia					507		2, 466	

NOTE.—For list of courses included under each subject-title, see the appendix.

in subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

COMMUNITY CIVICS (GRADE 7, 8, OR 9)		OCCUPATIONS		ORIENTATION		U. S. HISTORY, ADVANCED		LATIN AMERICAN HISTORY (GRADES 9-12)		State
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
47	48	49	50	51	52	53	54	55	56	20
297,375	642,653	105,623	52,475	61,647	53,215	31,888	1,199,806	23,795	2,833	United States.
1,195	27,542	852	3,003	91	315	172	20,216	-----	-----	Alabama.
1,054	2,360	724	-----	697	1,385	66	5,155	90	130	Arizona.
2,886	16,113	2,016	1,612	332	193	358	14,767	-----	45	Arkansas.
27,099	23,890	5,626	1,154	19,390	17,638	3,857	84,028	17,649	103	California.
2,931	6,549	2,587	141	3,152	1,271	637	10,826	-----	-----	Colorado.
1,039	6,558	1,067	977	-----	-----	353	17,748	81	72	Connecticut
104	2,903	140	-----	-----	221	-----	2,210	-----	-----	Delaware.
3,012	19,302	1,589	64	754	-----	807	17,988	227	63	Florida.
6,937	16,909	8,430	1,540	1,370	144	2,385	23,035	-----	-----	Georgia.
2,769	1,394	1,291	144	226	946	1,088	5,954	80	-----	Idaho.
5,979	15,602	5,801	381	1,546	2,089	957	63,484	942	300	Illinois.
4,290	6,412	4,147	715	1,095	946	686	35,601	85	62	Indiana.
8,346	6,597	4,411	1,336	749	531	1,072	25,081	56	-----	Iowa.
5,747	4,905	5,019	56	1,613	-----	202	19,886	-----	-----	Kansas.
4,995	18,662	628	809	177	222	331	17,088	267	-----	Kentucky.
140	15,884	404	1,414	86	133	-----	10,648	-----	-----	Louisiana.
562	5,801	1,247	458	-----	479	-----	8,698	146	-----	Maine.
3,931	13,654	582	861	964	-----	-----	11,741	-----	-----	Maryland.
6,023	21,228	2,524	3,487	1,664	1,541	585	36,248	418	17	Massachusetts.
16,061	25,600	9,721	1,426	4,804	2,656	1,216	47,972	330	-----	Michigan.
2,240	11,956	3,184	2,555	783	1,547	-----	28,826	-----	-----	Minnesota.
8,436	10,903	1,291	101	381	-----	148	15,104	-----	-----	Mississippi.
2,663	34,029	916	304	1,610	1,281	-----	31,754	34	-----	Missouri.
1,464	1,734	446	148	916	921	564	5,141	22	26	Montana.
2,560	1,278	1,581	337	1,332	589	772	13,443	-----	-----	Nebraska.
-----	352	-----	-----	-----	-----	310	877	-----	-----	Nevada.
496	3,257	323	538	-----	-----	-----	4,382	-----	20	New Hampshire.
3,211	13,358	3,845	2,084	587	692	423	62,113	472	237	New Jersey.
171	3,025	148	33	-----	40	516	3,663	-----	-----	New Mexico.
37,196	44,580	4,167	2,605	2,587	1,891	757	114,630	21	227	New York.
663	28,936	711	983	121	132	-----	30,789	-----	31	North Carolina.
2,554	617	584	44	2,124	385	-----	7,076	-----	-----	North Dakota.
8,933	33,356	1,896	380	3,644	4,983	4,235	62,455	585	253	Ohio.
21,358	11,309	1,523	634	561	-----	188	23,224	367	93	Oklahoma.
2,388	3,056	600	24	1,791	1,943	2,155	11,624	-----	-----	Oregon.
60,551	44,865	6,994	12,157	1,678	3,577	200	98,903	124	485	Pennsylvania.
560	3,182	278	5,435	-----	279	680	4,372	-----	36	Rhode Island.
633	11,417	466	484	42	-----	-----	15,126	-----	49	South Carolina.
556	1,408	607	184	452	204	922	6,001	190	-----	South Dakota.
357	18,132	651	18	-----	-----	66	19,477	29	-----	Tennessee.
12,713	13,087	6,159	1,395	477	530	469	55,789	275	91	Texas.
1,132	8,685	614	-----	-----	450	-----	7,617	386	-----	Utah.
491	2,384	136	13	247	111	-----	3,109	-----	-----	Vermont.
3,419	26,180	3,007	1,146	855	1,943	-----	23,865	16	-----	Virginia.
8,334	2,183	2,250	-----	2,061	600	4,445	15,979	573	52	Washington.
1,653	24,546	1,781	773	123	-----	64	17,711	-----	349	West Virginia.
4,604	24,610	1,812	444	315	370	-----	31,640	93	92	Wisconsin.
438	2,368	229	78	250	37	202	2,529	75	-----	Wyoming.
2,501	-----	618	-----	-----	-----	-----	4,213	162	-----	District of Columbia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	WORLD HISTORY (GRADES 9-12)		STATE HISTORY (GRADES 9-12)		ANCIENT AND/OR MEDIEVAL HISTORY (GRADES 9-12)		MODERN EUROPEAN HISTORY (GRADES 9-12)	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	57	58	59	60	61	62	63	64
United States.	20,393	856,039	123,154	23,577	11,617	67,856	7,000	106,374
Alabama.....	700	17,060	1,523	985	336	2,512	125	1,854
Arizona.....		2,607	836	65				61
Arkansas.....	230	13,487	301	132	72	575	7	391
California.....	5,263	38,148	3,729	1,658	1,433	2,088	1,408	3,155
Colorado.....	111	6,360	1,936	250	253	166	143	276
Connecticut.....		6,147	43	155		3,830		2,836
Delaware.....		1,150		38		118	69	381
Florida.....	476	16,511	1,003			63		922
Georgia.....	1,410	21,698	1,999	1,267	245	751	414	810
Idaho.....		5,138	91			303		328
Illinois.....	630	33,907	315	132	248	3,903	700	9,614
Indiana.....	640	22,456	184	129		430		265
Iowa.....	537	22,414	170	57	372	634		343
Kansas.....	341	9,973	118	74		97	12	317
Kentucky.....	477	14,615	14	92	945	2,541	157	1,635
Louisiana.....		7,531	250	66		802	43	1,819
Maine.....		4,739	155			361		266
Maryland.....		18,924		128	86	371		903
Massachusetts.....	184	13,789	16		855	9,844	321	6,476
Michigan.....	770	40,175	761	90	100	2,276	277	2,550
Minnesota.....		23,823		65	213	140		2,489
Mississippi.....	138	14,929	296	57	226	301		929
Missouri.....	166	36,613	5,176	645		733	483	172
Montana.....		4,470	207	139		77	58	109
Nebraska.....	754	12,075	271		44	111	44	30
Nevada.....		765	21			92		
New Hampshire.....	46	2,172		91	120	798	26	733
New Jersey.....	565	14,933		152	422	7,429	245	5,688
New Mexico.....		3,776	74	162		485	54	48
New York.....	495	101,278	561	376	2,531	2,298	1,516	28,499
North Carolina.....	22	16,074	224	1,065	357	2,108	82	1,687
North Dakota.....	36	7,419	157			140		320
Ohio.....	277	55,330	704	358		1,542	104	2,816
Oklahoma.....	686	12,859	17,865	1,211	159	878		5,427
Oregon.....	196	8,854	50			47		
Pennsylvania.....	1,399	77,937	58,587	4,963	857	3,811	331	8,867
Rhode Island.....	230	1,192		330		1,916		1,749
South Carolina.....	73	12,566		28		901		387
South Dakota.....		5,522			69	19		96
Tennessee.....		8,173	35			4,127		2,849
Texas.....	1,497	53,118	10,856	4,186	181	1,554	27	1,998
Utah.....		6,019						
Vermont.....		1,279				97	20	545
Virginia.....	254	13,128	96	500	541	2,673	80	1,563
Washington.....	814	10,499	13,669	3,487	44	173	222	222
West Virginia.....	128	12,378	128	444	128	110		210
Wisconsin.....	509	18,244	375		191	1,543	32	2,760
Wyoming.....	339	2,484	358			300		94
District of Colum- bia.....		1,301			589	1,788		885

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

WORLD GEOGRAPHY (GRADES 9-12)		AMERICAN GEOGRAPHY (GRADES 9-12)		AMERICAN GOV'T OR AD- VANCED CIVICS		PROBLEMS OF DEMOCRACY		INTERNATIONAL RELATIONS		State
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
65	66	67	68	69	70	71	72	73	74	20
95,318	176,651	5,914	23,769	266,611	165,305	68,887	214,084	7,294	1,459	United States.
325	859	261	367	3,559	4,775	6,127	3,620	-----	-----	Alabama.
-----	112	-----	-----	3,120	735	1,210	41	105	-----	Arizona.
872	1,745	209	251	1,822	4,651	1,736	1,614	-----	-----	Arkansas.
25,432	11,838	509	560	34,056	6,825	16,431	11,901	605	534	California.
204	963	-----	86	1,168	1,949	466	766	49	-----	Colorado.
262	1,144	115	263	1,338	1,278	1,241	4,362	-----	-----	Connecticut.
69	641	-----	-----	210	334	136	668	-----	-----	Delaware.
1,048	1,039	-----	157	3,589	2,567	437	2,510	38	-----	Florida.
2,399	3,277	149	508	5,320	7,748	982	2,639	-----	-----	Georgia.
321	649	-----	-----	3,187	582	-----	465	38	-----	Idaho.
3,634	6,193	342	1,107	22,374	4,966	2,437	2,398	165	30	Illinois.
1,908	2,914	120	240	16,999	10,531	3,275	1,118	425	-----	Indiana.
2,365	2,329	226	89	15,174	3,851	1,726	1,420	12	-----	Iowa.
806	2,296	-----	177	12,202	6,241	1,582	166	1,462	70	Kansas.
1,352	2,047	112	167	3,049	5,095	493	1,437	87	21	Kentucky.
72	1,436	43	166	172	7,599	593	1,300	-----	-----	Louisiana.
571	1,026	276	210	94	981	74	2,239	-----	-----	Maine.
551	4,660	-----	-----	888	945	214	5,258	-----	-----	Maryland.
1,304	5,538	100	697	1,841	3,300	857	11,691	-----	75	Massachusetts.
4,125	4,696	351	187	31,971	3,308	1,992	-----	522	-----	Michigan.
1,006	927	-----	14	2,037	4,679	459	15,191	-----	6	Minnesota.
5,891	1,002	257	404	6,069	1,384	807	360	502	64	Mississippi.
1,680	5,894	71	551	5,082	3,749	1,445	5,928	457	81	Missouri.
311	203	-----	-----	1,494	569	54	693	127	-----	Montana.
2,575	4,245	237	456	5,589	2,275	1,693	2,066	109	29	Nebraska.
-----	63	-----	-----	663	10	-----	-----	-----	8	Nevada.
68	102	-----	-----	88	136	32	1,490	-----	-----	New Hampshire.
1,123	1,832	-----	371	472	1,363	2,020	10,242	553	239	New Jersey.
95	167	-----	-----	1,294	488	170	274	13	-----	New Mexico.
12,703	55,451	461	5,329	4,629	1,746	1,568	22,296	-----	-----	New York.
352	5,830	-----	1,054	198	7,636	166	1,584	-----	-----	North Carolina.
578	1,873	-----	-----	1,667	686	422	3,954	329	-----	North Dakota.
2,286	7,004	263	1,468	21,222	14,087	6,768	10,219	159	101	Ohio.
1,268	5,521	252	607	1,951	1,448	1,068	7,196	131	-----	Oklahoma.
1,933	3,854	82	421	3,868	2,884	197	1,277	27	-----	Oregon.
977	4,288	191	1,793	3,800	5,545	5,740	50,378	-----	60	Pennsylvania.
563	876	160	-----	762	721	25	513	-----	-----	Rhode Island.
123	1,384	-----	495	-----	677	136	6,018	-----	-----	South Carolina.
1,492	507	-----	26	5,116	156	47	369	337	-----	South Dakota.
903	4,172	123	474	438	2,704	767	1,031	-----	31	Tennessee.
3,085	2,017	408	1,881	23,961	12,705	748	38	-----	-----	Texas.
317	1,017	-----	2,092	287	1,506	762	3,130	-----	-----	Utah.
30	403	-----	-----	-----	-----	-----	462	-----	-----	Vermont.
943	3,334	129	277	3,475	13,205	715	847	631	22	Virginia.
2,470	393	100	-----	7,623	540	535	645	245	88	Washington.
279	2,501	36	182	943	1,493	486	5,654	-----	-----	West Virginia.
2,891	6,017	331	642	1,437	4,444	833	5,072	-----	-----	Wisconsin.
181	30	-----	-----	236	208	135	268	121	-----	Wyoming.
1,575	252	-----	-----	77	-----	80	-----	45	-----	District of Colum- bia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	ECONOMICS		SOCIOLOGY		PSYCHOLOGY		CONSUMER EDUCATION	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	75	76	77	78	79	80	81	82
United States	209,253	45,517	144,863	41,038	32,505	14,042	16,923	14,009
Alabama.....	5,480	2,875	872	880	38	316	2,056	892
Arizona.....	1,034	35	888	42	-----	-----	-----	-----
Arkansas.....	1,947	401	2,042	713	367	506	166	55
California.....	6,139	1,566	6,412	2,886	2,210	429	926	546
Colorado.....	700	783	2,163	855	1,496	456	580	173
Connecticut.....	1,495	966	475	484	-----	108	223	350
Delaware.....	514	210	182	121	-----	13	-----	147
Florida.....	1,854	342	2,666	1,106	1,390	333	158	218
Georgia.....	5,018	1,878	4,617	1,444	729	93	-----	47
Idaho.....	1,929	146	1,842	514	256	222	208	41
Illinois.....	12,495	1,205	7,858	3,153	1,715	548	289	216
Indiana.....	9,195	207	7,842	137	2,217	192	369	109
Iowa.....	11,031	352	10,122	1,053	1,320	113	1,091	100
Kansas.....	2,247	164	5,321	85	3,382	239	62	130
Kentucky.....	3,024	705	3,753	1,189	574	74	376	149
Louisiana.....	1,146	608	537	282	-----	-----	-----	22
Maine.....	572	698	416	655	27	156	26	119
Maryland.....	540	338	78	156	-----	300	246	266
Massachusetts.....	2,300	3,131	1,268	375	203	565	1,011	1,140
Michigan.....	19,888	1,140	6,553	1,096	1,810	876	1,116	175
Minnesota.....	1,698	1,018	1,676	1,865	35	136	111	120
Mississippi.....	3,837	-----	3,648	258	128	-----	248	-----
Missouri.....	2,517	438	4,620	904	1,574	646	214	-----
Montana.....	1,863	75	2,035	84	275	66	51	92
Nebraska.....	2,239	739	3,195	427	584	306	329	223
Nevada.....	256	52	220	-----	143	-----	-----	-----
New Hampshire.....	709	675	513	1,162	108	150	201	182
New Jersey.....	2,050	2,168	275	1,609	249	1,283	897	1,205
New Mexico.....	616	-----	878	264	144	-----	37	22
New York.....	36,991	923	598	703	289	232	287	33
North Carolina.....	11,073	969	10,748	1,562	94	195	167	118
North Dakota.....	1,196	-----	879	-----	1,076	-----	93	68
Ohio.....	11,215	1,148	12,281	1,674	3,289	977	2,009	660
Oklahoma.....	2,030	73	1,593	201	883	462	221	266
Oregon.....	3,637	4,117	4,471	1,275	138	-----	32	52
Pennsylvania.....	8,047	3,398	5,080	1,924	653	2,099	1,761	5,170
Rhode Island.....	251	84	-----	-----	78	84	-----	-----
South Carolina.....	725	2,061	299	236	286	391	64	152
South Dakota.....	3,962	-----	3,840	76	399	63	31	-----
Tennessee.....	2,323	3,993	3,071	597	37	-----	-----	8
Texas.....	10,386	1,240	4,134	361	63	268	23	47
Utah.....	385	100	1,062	563	1,306	126	33	-----
Vermont.....	167	546	250	433	48	-----	34	54
Virginia.....	1,036	1,218	553	517	115	321	280	315
Washington.....	2,576	174	3,638	186	1,890	181	538	-----
West Virginia.....	2,338	315	2,965	1,425	178	187	89	217
Wisconsin.....	5,949	2,053	5,804	4,519	709	110	270	36
Wyoming.....	414	190	424	27	-----	2	-----	80
District of Columbia.....	219	-----	206	960	-----	218	-----	-----

NOTE.—For list of courses included under each subject-title, see the appendix.

¹ See footnote 1 on first page of table.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

GENERAL SCIENCE						BIOLOGY		BOTANY		State
GRADE 7		GRADE 8 ¹		GRADE 9						
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
83	84	85	86	87	88	89	90	91	92	20
132, 210	341, 691	134, 474	477, 661	27, 752	1,046,182	3,395	986,361	1, 157	6, 513	United States.
1, 535 710	28, 974 66	1, 436 60	27, 583 1, 838	1, 546 -----	24, 650 2, 355	-----	22, 382 5, 686	-----	-----	Alabama.
2, 522	11, 978	1, 878	12, 844	38	17, 463	-----	12, 696	-----	-----	Arizona.
9, 951	9, 812	8, 767	40, 645	2, 522	48, 560	-----	60, 455	93	1, 254	Arkansas.
2, 814	3, 482	3, 343	4, 327	38	6, 353	461	7, 472	41	-----	California.
850	5, 059	1, 145	5, 187	743	11, 047	-----	11, 243	-----	-----	Colorado.
853	1, 925	720	1, 701	-----	1, 627	-----	2, 033	-----	-----	Connecticut.
4, 135	16, 556	3, 071	15, 676	-----	15, 514	-----	19, 221	-----	-----	Delaware.
107	928	1, 131	3, 583	104	29, 679	-----	23, 166	-----	-----	Florida.
600	2, 173	-----	2, 220	-----	5, 549	-----	6, 053	-----	-----	Georgia.
1, 301	4, 080	1, 118	6, 888	2, 473	69, 005	1, 018	51, 007	27	608	Idaho.
3, 599	5, 754	4, 356	16, 514	278	1, 127	86	37, 264	41	1, 086	Illinois.
5, 532	4, 443	4, 728	5, 626	254	22, 910	658	19, 674	-----	-----	Indiana.
2, 228	2, 554	3, 182	4, 550	851	12, 614	-----	15, 560	-----	227	Iowa.
2, 947	6, 960	1, 893	10, 582	640	17, 440	47	14, 752	-----	-----	Kansas.
-----	3, 259	-----	6, 030	-----	18, 009	-----	13, 389	-----	-----	Kentucky.
261	1, 779	448	2, 280	455	5, 206	-----	6, 540	-----	-----	Louisiana.
-----	11, 551	1, 813	17, 256	251	16, 682	-----	15, 048	-----	-----	Maine.
1, 394	17, 200	2, 219	20, 661	863	30, 568	-----	24, 192	-----	-----	Maryland.
6, 194	13, 901	7, 308	24, 756	4, 309	17, 393	62	42, 096	-----	-----	Massachusetts.
8, 805	8, 810	5, 897	13, 310	-----	28, 906	-----	21, 660	-----	353	Michigan.
1, 164	11, 119	1, 239	10, 642	-----	11, 909	-----	13, 439	-----	-----	Minnesota.
1, 167	5, 413	1, 050	9, 807	-----	29, 931	-----	21, 478	112	184	Mississippi.
297	1, 385	267	1, 478	-----	3, 705	-----	4, 161	-----	-----	Missouri.
1, 378	440	1, 335	608	2, 213	8, 745	-----	11, 141	-----	-----	Montana.
-----	-----	-----	508	-----	1, 116	-----	770	-----	-----	Nebraska.
316	2, 961	226	2, 774	-----	2, 556	-----	2, 965	-----	-----	Nevada.
2, 363	6, 836	1, 785	7, 902	1, 096	33, 690	70	29, 508	82	-----	New Hampshire.
342	656	280	708	-----	3, 761	-----	4, 916	-----	-----	New Jersey.
22, 101	39, 670	22, 645	41, 972	2, 295	140, 895	-----	70, 839	-----	97	New Mexico.
620	463	994	3, 539	-----	27, 045	-----	38, 501	-----	49	New York.
314	1, 046	285	1, 130	-----	7, 172	-----	7, 331	-----	-----	North Carolina.
8, 803	23, 180	8, 423	28, 176	278	58, 117	106	52, 596	179	915	North Dakota.
2, 584	6, 272	1, 564	10, 812	245	21, 943	-----	18, 156	-----	-----	Ohio.
580	4, 113	825	4, 655	1, 340	11, 460	-----	13, 047	-----	-----	Oklahoma.
10, 216	15, 547	11, 776	27, 894	1, 094	96, 071	112	80, 243	196	102	Oregon.
334	4, 874	323	5, 027	-----	5, 014	-----	3, 540	-----	-----	Pennsylvania.
649	7, 104	305	14, 233	-----	17, 365	-----	14, 502	-----	-----	Rhode Island.
651	715	674	1, 020	-----	6, 569	-----	5, 542	-----	-----	South Carolina.
366	5, 231	626	5, 801	-----	24, 488	-----	18, 958	64	-----	South Dakota.
9, 158	6, 561	6, 827	11, 970	346	44, 667	-----	41, 484	-----	152	Tennessee.
3, 330	4, 118	2, 303	5, 340	729	4, 176	280	6, 437	322	138	Texas.
157	707	108	791	-----	2, 380	-----	2, 109	-----	-----	Utah.
293	1, 319	1, 837	10, 977	75	28, 029	-----	21, 085	-----	-----	Vermont.
3, 292	2, 363	4, 891	2, 921	1, 161	10, 034	-----	15, 901	-----	1, 262	Virginia.
1, 264	18, 582	1, 004	17, 149	180	13, 889	-----	22, 564	-----	86	Washington.
4, 133	2, 810	4, 917	4, 222	1, 129	25, 099	495	27, 411	-----	-----	West Virginia.
-----	652	-----	714	-----	1, 853	-----	2, 541	-----	-----	Wisconsin.
-----	6, 310	3, 452	834	206	1, 846	-----	3, 607	-----	-----	Wyoming.
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	District of Co- lumbia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	PHYSIOLOGY		ZOOLOGY		EARTH SCIENCE		AERONAUTICS	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	93	94	95	96	97	98	99	100
United States	14, 847	38, 745	1, 431	3, 620	4, 828	15, 747	1, 827	13, 132
Alabama	82	80						100
Arizona					81		11	71
Arkansas	200	421						91
California	94	12, 204	112	411	11	514	109	1, 787
Colorado	241	246	105		110	93	69	76
Connecticut	88	352				241	19	335
Delaware		18						17
Florida		75				26		17
Georgia		343						
Idaho	65	171		21		90		50
Illinois	2, 626	1, 286	40	1, 086	213	1, 027	111	882
Indiana	1, 146	458		457	28	521	84	275
Iowa	842	416	142			62	50	83
Kansas	1, 169	1, 465			183	8	64	260
Kentucky	969	1, 122			165		57	324
Louisiana		43					52	
Maine						61	16	18
Maryland					39	228		213
Massachusetts	99	2, 914			133	694	27	781
Michigan	952	873			465	256	73	321
Minnesota	522	18			56		62	177
Mississippi	64	358						35
Missouri	351	1, 719		66		1, 174	35	622
Montana		59				183		99
Nebraska	242	490					97	15
Nevada							38	9
New Hampshire		61				96	12	203
New Jersey	257	3, 959	145		301	190	64	297
New Mexico	88	54			71		23	72
New York	24	917		303	520	7, 851	76	1, 712
North Carolina		111				38		112
North Dakota	404				69	90	60	112
Ohio	1, 372	1, 888	383	622	250	183	156	564
Oklahoma	580	483	53		359	799		371
Oregon	30	229						32
Pennsylvania	240	531	249	27	336	518	110	880
Rhode Island					3			82
South Carolina		450						
South Dakota	35	94			42		26	218
Tennessee		67			435	82		421
Texas	1, 228	1, 248		35	176	31	73	408
Utah	404	2, 734	202	277	91	120		229
Vermont		58			11		40	58
Virginia	60				335			47
Washington	317	147		315	81	24	46	249
West Virginia	35	558			61		21	90
Wisconsin	21	25			203	477	131	94
Wyoming						70	15	36
District of Columbia								187

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

ADVANCED GENERAL SCIENCE		PHYSICAL SCIENCE		CHEMISTRY		ADVANCED CHEMISTRY		PHYSICS		State
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
101	102	103	104	105	106	107	108	109	110	20
1,820	46,226	291	6,715	1,531	405,131	337	1,520	1,284	277,550	United States.
	1,564				8,029				6,347	Alabama.
	721			26	1,748				985	Arizona.
91	4,683	239	2,429		2,436				969	Arkansas.
285	208		92		25,358		37	38	13,454	California.
					5,122	19			2,658	Colorado.
	1,127		29		5,822				4,127	Connecticut.
	79				961				587	Delaware.
	349		255		7,360			37	3,518	Florida.
	973			348	8,698			141	4,120	Georgia.
					2,773		2		1,758	Idaho.
	490		407	144	20,155		9	152	18,661	Illinois.
	201	30	715		9,267	63	115	40	8,632	Indiana.
97	375		38		3,858			77	8,996	Iowa.
82	436			5	4,399			33	4,377	Kansas.
32	301				3,862	105			2,532	Kentucky.
	191				3,883				1,736	Louisiana.
16	491		59		3,054				2,044	Maine.
	1,102				5,711	68			4,079	Maryland.
	1,645		55	53	16,475		283	53	11,236	Massachusetts.
76	2,141	22	802	36	19,250		6	19	12,068	Michigan.
	320		18		11,247		51		8,078	Minnesota.
60	553				5,404				2,139	Mississippi.
94	1,723		522	72	5,695			60	4,543	Missouri.
	85				2,050				1,358	Montana.
23	214		57		3,113				3,896	Nebraska.
					484				228	Nevada.
	58				1,832				1,582	New Hampshire.
48	2,084		159	44	14,821		51	41	11,464	New Jersey.
					1,276					New Mexico.
291	8,081			119	38,874		620	167	26,830	New York.
	278				11,034				7,658	North Carolina.
					2,629				1,506	North Dakota.
54	2,980		218	69	21,428	34	53	39	16,513	Ohio.
	1,249		260		3,817	8			1,982	Oklahoma.
	217		183	25	3,477	20			2,383	Oregon.
228	6,355		127	27	41,418	20	273	35	32,996	Pennsylvania.
					2,198				1,767	Rhode Island.
	366			273	6,701			279	2,260	South Carolina.
	97				2,259				1,865	South Dakota.
	367				8,751				3,406	Tennessee.
136	1,146			50	17,147				8,064	Texas.
					2,463				1,367	Utah.
	38				1,176				712	Vermont.
60	1,556				7,766				2,450	Virginia.
75	40		131		5,938				4,269	Washington.
72	184		112	24	6,139			24	2,531	West Virginia.
	830		47	216	15,222		12	49	10,332	Wisconsin.
	64				1,132				758	Wyoming.
	264				1,419		8		956	District of Colum- bia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	FUNDAMENTALS OF ELECTRICITY		RADIO, INCLUDING ELECTRONICS		ADVANCED BIOLOGY		CONSERVATION	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	111	112	113	114	115	116	117	118
United States	1, 019	1, 398	698	2, 550	615	2, 961	1, 846	1, 700
Alabama		36					179	
Arizona			19					
Arkansas							247	46
California	235	155		240	48	454		
Colorado	35		49	16		16		
Connecticut	23		61	111		403		
Delaware								
Florida				16				
Georgia				206		101		208
Idaho								
Illinois			35	23	122	311	136	262
Indiana		46	92	12	23	350		
Iowa				52	15			
Kansas		33		52				
Kentucky				24				
Louisiana								
Maine		51						
Maryland		148				24		19
Massachusetts		51		258		310		10
Michigan	152		80	309	70	5	76	313
Minnesota			15	29				244
Mississippi								
Missouri	46			51	20			156
Montana				10				
Nebraska		18					52	42
Nevada								
New Hampshire								
New Jersey	229	184	39	171	62	113		
New Mexico			37			36	119	
New York	26	303	183	496	48	130		
North Carolina						60		
North Dakota								
Ohio	91	84	26	122		212	265	93
Oklahoma				20			297	131
Oregon				60	95			
Pennsylvania	121	75		54	89	336	36	146
Rhode Island		50		105				
South Carolina								
South Dakota				22				
Tennessee		64						
Texas						15		
Utah								
Vermont	20							
Virginia								
Washington		22	51	10			87	
West Virginia	11							
Wisconsin	30		11	81	23	55	352	30
Wyoming								
District of Colum- bia.		78						

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

RELATED SCIENCE		ARITHMETIC				ELEMENTARY ALGEBRA		INTERMEDIATE ALGEBRA		State
		GRADE 7		GRADE 8						
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
119	120	121	122	123	124	125	126	127	128	20
2, 118	5, 214,	1, 129	734, 893	9, 526	754, 630	8, 211	1,034,240	79, 367	292, 785	United States.
			31, 178	7, 895	21, 240	557	20, 114	518	6, 743	Alabama.
			2, 452		2, 437		4, 416	631	168	Arizona.
			19, 671		17, 941	129	19, 914	199	4, 923	Arkansas.
1, 310	917		58, 260		56, 730	111	50, 967	1, 192	12, 215	California.
	20		10, 374		9, 841		9, 527	760	1, 695	Colorado.
89			6, 558		6, 388		9, 244	107	5, 684	Connecticut.
			3, 105		2, 839		1, 855	129	827	Delaware.
			26, 694		24, 381		17, 221	204	6, 184	Florida.
			3, 807		9, 301		30, 245	74	16, 327	Georgia.
			3, 214		3, 251		6, 976	395	365	Idaho.
	312		7, 944		8, 306	500	56, 158	7, 340	6, 181	Illinois.
	125	25	22, 541	22	23, 663	34	32, 507	3, 688	2, 923	Indiana.
24			14, 076		14, 607	45	24, 093	3, 856	2, 178	Iowa.
47	21	102	11, 697	80	11, 381		17, 322	1, 704	2, 291	Kansas.
			15, 617		14, 548		24, 422	1, 679	6, 449	Kentucky.
			3, 262		7, 266	87	22, 754	655	7, 289	Louisiana.
			2, 668		3, 230		5, 562		2, 605	Maine.
			20, 719		20, 199		10, 902	1, 270	3, 618	Maryland.
	101		27, 374		26, 714		27, 035	1, 226	11, 779	Massachusetts.
22	202		38, 408	150	40, 786	543	36, 627	3, 511	5, 224	Michigan.
11	76		19, 710		19, 625		23, 210	463	4, 469	Minnesota.
			12, 528		12, 972	233	18, 703	216	7, 863	Mississippi.
	595		8, 693		12, 683	22	25, 153	1, 784	2, 350	Missouri.
			1, 678		1, 749	342	5, 813	554	838	Montana.
52	38		3, 859	62	3, 732	341	12, 438	779	1, 694	Nebraska.
			441		508		1, 447	71	234	Nevada.
			3, 439		3, 078		3, 160	122	1, 206	New Hampshire.
	47		12, 831		12, 887		24, 254	943	14, 380	New Jersey.
			3, 475		3, 354		5, 082	135	848	New Mexico.
127	243		68, 062		67, 992		76, 538	27, 711	10, 368	New York.
			5, 365		6, 050	191	36, 759	149	19, 065	North Carolina.
163	386		2, 006		2, 009		6, 599	398	524	North Dakota.
154	667		54, 641		53, 243	72	47, 361	4, 821	6, 040	Ohio.
	120		17, 317		16, 295	102	26, 262	1, 034	4, 774	Oklahoma.
			5, 439		5, 750	18	10, 108	738	2, 026	Oregon.
13	982	1, 002	61, 626	1, 065	63, 664	224	68, 302	3, 111	32, 468	Pennsylvania.
	152		5, 494		5, 386	2	3, 779	80	2, 384	Rhode Island.
			8, 225		14, 981	1, 193	16, 585	88	9, 019	South Carolina.
			1, 734		1, 574		7, 995	685	418	South Dakota.
			11, 417		10, 947		28, 973	105	15, 057	Tennessee.
			31, 587	100	34, 469	653	61, 171	1, 652	32, 630	Texas.
			8, 844		10, 427	28	9, 136	631	573	Utah.
			1, 596		1, 547		1, 790		795	Vermont.
67	22		4, 945	152	14, 016	2, 698	20, 571	177	9, 377	Virginia.
39	110		10, 837		12, 356		17, 158	1, 037	1, 380	Washington.
			22, 514		20, 863		17, 949	498	2, 452	West Virginia.
			8, 743		9, 451	86	22, 960	2, 133	2, 300	Wisconsin.
			1, 930		1, 722		3, 268	97	410	Wyoming.
	78		6, 298		6, 251		3, 795	17	1, 175	District of Co- lumbia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	GENERAL MATHEMATICS		PLANE GEOMETRY		SOLID GEOMETRY		TRIGONOMETRY	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	129	130	131	132	133	134	135	136
United States	39,154	610,656	3,329	596,007	82,260	11,684	95,051	13,500
Alabama	372	15,149	116	9,676	873	286	834	173
Arizona	45	3,620	-----	2,654	520	43	309	13
Arkansas	344	5,867	52	10,508	407	138	505	94
California	13,754	47,507	29	35,404	3,871	523	5,539	767
Colorado	145	5,556	-----	6,623	821	105	763	108
Connecticut	256	5,627	107	6,670	1,396	332	1,594	131
Delaware	-----	567	-----	1,333	359	82	225	-----
Florida	-----	14,314	-----	6,785	1,115	144	1,195	226
Georgia	64	22,216	191	11,719	864	-----	589	40
Idaho	203	2,391	32	4,806	478	48	361	67
Illinois	986	29,852	55	37,823	7,022	500	5,449	723
Indiana	831	13,372	170	16,838	4,121	845	2,116	364
Iowa	984	7,824	91	15,656	1,550	197	1,628	50
Kansas	44	8,511	62	10,052	1,513	348	695	177
Kentucky	912	10,974	-----	12,443	908	-----	760	96
Louisiana	282	3,630	-----	12,239	578	93	551	16
Maine	165	5,319	-----	2,948	528	26	728	29
Maryland	112	8,523	24	6,648	1,168	195	2,087	188
Massachusetts	168	11,861	237	16,999	2,886	962	3,794	688
Michigan	986	23,731	18	23,130	3,990	447	3,877	655
Minnesota	-----	9,153	-----	11,935	1,924	83	1,823	46
Mississippi	92	9,175	86	12,357	718	69	631	57
Missouri	141	28,325	101	11,836	1,384	108	2,019	246
Montana	424	1,677	-----	3,471	476	24	558	44
Nebraska	750	6,582	116	8,036	317	15	642	39
Nevada	-----	640	-----	921	117	12	157	-----
New Hampshire	29	2,541	17	1,811	484	73	464	45
New Jersey	203	14,944	41	19,090	3,992	146	4,888	647
New Mexico	41	2,848	-----	2,749	332	11	447	30
New York	5,996	33,441	894	61,251	6,731	669	16,049	1,439
North Carolina	263	20,964	56	13,648	544	107	677	74
North Dakota	136	2,444	28	2,506	269	-----	233	31
Ohio	1,197	28,277	200	25,444	5,324	891	4,587	675
Oklahoma	771	12,291	74	13,672	1,092	272	1,108	230
Oregon	764	10,761	22	3,560	328	126	761	245
Pennsylvania	447	55,832	170	41,175	10,660	1,638	13,074	2,845
Rhode Island	22	2,359	-----	2,427	351	94	391	42
South Carolina	1,193	9,182	24	8,267	625	105	1,006	634
South Dakota	158	1,132	-----	3,861	738	7	417	62
Tennessee	164	13,464	-----	9,890	1,319	86	1,331	126
Texas	1,233	35,656	227	36,407	3,422	795	3,685	585
Utah	615	3,656	-----	3,056	299	-----	474	10
Vermont	78	1,646	-----	1,254	205	-----	247	31
Virginia	2,556	22,764	65	9,114	965	373	940	187
Washington	117	7,100	-----	10,537	1,376	247	1,320	123
West Virginia	245	13,684	-----	7,017	1,054	81	981	96
Wisconsin	788	10,934	12	15,046	1,734	332	2,163	282
Wyoming	12	1,323	12	1,893	246	6	178	24
District of Columbia	66	1,450	-----	2,822	265	-----	201	-----

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

ADVANCED OR COLLEGE ALGEBRA		ADVANCED GENERAL MATHEMATICS		MATHEMATICS REVIEW		OTHER MATHEMATICS		SPANISH (GRADE 7 OR 8)		State
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
137	138	139	140	141	142	143	144	145	146	20
22, 780	11, 583	9, 235	33, 365	6, 844	5, 488	713	904	5, 097	8, 079	United States.
253	37		107							Alabama.
38	41		54						45	Arizona.
	10	43	92		57					Arkansas.
304	968	1, 300	4, 190	1, 322	288		77	2, 053	791	California.
134	125		182		14				50	Colorado.
100	274	165	460	72	611		58			Connecticut.
	78		28							Delaware.
87	49	96	922						95	Florida.
564	513	148	1, 279	23					51	Georgia.
96	32	16								Idaho.
2, 286	426	266	1, 828	498		143				Illinois.
1, 056	313	460	309	544	89	9				Indiana.
394	13	191	58							Iowa.
339	112	24	142		24		18			Kansas.
212	71	30	151			58				Kentucky.
192	80	115	379						210	Louisiana.
146	172	231	495	72	58	42	56			Maine.
244	18		195	117	53		31			Maryland.
244	1, 486	32	1, 491	344	695	39	127		563	Massachusetts.
653	703	930	911	380	293	102				Michigan.
131	303	123	441	33						Minnesota.
										Mississippi.
392	206	436	196	139	38				97	Missouri.
151	25		56							Montana.
50	95	17		465	44	22				Nebraska.
			68							Nevada.
	130		210							New Hampshire.
1, 046	390	535	2, 270	177	435		207		212	New Jersey.
	6	19				28		204	127	New Mexico.
6, 672	473	1, 500	3, 652	619	326	87	108	1, 126	3, 537	New York.
229	564	27	139							North Carolina.
1, 834	561	776	1, 382	13	1, 372					North Dakota.
177		261	177	42		25				Ohio.
260	59	108	288				68			Oklahoma.
										Oregon.
1, 365	1, 270	398	7, 113	1, 458	884	85	86	52		Pennsylvania.
100	468			378		3				Rhode Island.
858	298	37	311		67					South Carolina.
43	8	65								South Dakota.
18	250	22	23							Tennessee.
244	141	216	428				68	1, 513	1, 417	Texas.
131		86	111						92	Utah.
15	111		18							Vermont.
364	228	204	1, 484							Virginia.
375	93	86	29			70			150	Washington.
85			644							West Virginia.
807	358	272	1, 110	90	140					Wisconsin.
	25									Wyoming.
91								149	642	District of Columbia.

Table 3.—Secondary school enrollment, by State,

[All public second

State	SPANISH I		SPANISH II		SPANISH III		SPANISH IV	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	147	148	149	150	151	152	153	154
United States	403	253, 124	148	156, 032	125	28, 463	8	5, 233
Alabama		2, 060		1, 272		48		15
Arizona		3, 670		2, 423	41	130	8	14
Arkansas		976		441		10		
California		41, 741		23, 465		5, 703		1, 570
Colorado		4, 526		2, 695		238		64
Connecticut		2, 794		1, 815		380		33
Delaware		445		409				
Florida		6, 432		4, 096		340		80
Georgia		3, 338		2, 116		128		80
Idaho		1, 325		849		25		
Illinois		18, 365	11	11, 433	31	2, 138		482
Indiana	6	4, 857		2, 704	23	151		73
Iowa		2, 178		1, 042		34		
Kansas		2, 860		1, 276		130		
Kentucky		1, 598		952		151		5
Louisiana		2, 587		1, 233		345		202
Maine		477		278		33		
Maryland		3, 090		2, 081		76		60
Massachusetts		7, 128		4, 430		905		138
Michigan		6, 894		3, 995		187		65
Minnesota		1, 805		1, 528		204		
Mississippi		1, 112		505		24		12
Missouri		4, 031		2, 167		312		
Montana		1, 008		647				
Nebraska	22	1, 431		745		28		
Nevada		849		469		22		
New Hampshire		338		231		23		
New Jersey		12, 920		8, 863		2, 066		69
New Mexico		3, 745		2, 320		353		29
New York		33, 227		22, 512		9, 853		990
North Carolina		3, 087		1, 827		12		
North Dakota		285		112				
Ohio		9, 813	137	6, 181	30	515		185
Oklahoma		3, 826		2, 539		258		29
Oregon		1, 735		909		98		
Pennsylvania	345	17, 306		11, 148		1, 180		362
Rhode Island		1, 103		648		105		
South Carolina		1, 461		593		26		
South Dakota		672		252		67		
Tennessee		3, 432		2, 358		124		167
Texas	30	17, 262		11, 079		1, 452		421
Utah		1, 088		329		41		
Vermont		74		58				
Virginia		2, 663		1, 692		171		38
Washington		4, 113		2, 711		61		33
West Virginia		1, 413		793		6		
Wisconsin		3, 074		1, 805		127		43
Wyoming		1, 105		965		52		
District of Columbia		1, 805		1, 041		131		24

NOTE.—For list of courses included under each subject-title, see the appendix.

in subjects offered in 15 or more States, 1948-49—Continued
 ary day schools]

LATIN (GRADE 7 OR 8)		LATIN I		LATIN II		LATIN III		LATIN IV		State
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
155	156	157	158	159	160	161	162	163	164	20
1,700	8,249	84	236,034	185	155,809	85	22,782	35	7,290	United States.
	42		1,983		1,434		67		56	Alabama.
			678		459	6			20	Arizona.
			1,204		749		33		16	Arkansas.
197	83		11,775		6,968		1,259		279	California.
	42		2,325		1,452		194		26	Colorado.
			5,181		3,637		1,107		358	Connecticut.
			985		730		44		29	Delaware.
	82		3,606		2,803		118		61	Florida.
	123		3,043		2,256		175		34	Georgia.
			1,028		633		17			Idaho.
			13,597		9,579	6	1,176		341	Illinois.
			10,969		6,401	22	488		193	Indiana.
			4,153		1,747		69		32	Iowa.
			3,353		1,457		87			Kansas.
10			3,500		1,854		218		138	Kentucky.
			1,334		555		111		44	Louisiana.
244			2,521		1,398		199		42	Maine.
			3,952		2,693		310		110	Maryland.
221	2,706		12,857		8,283	8	2,300	8	1,085	Massachusetts.
			12,426		7,390		535		132	Michigan.
			2,501		2,042		43		2	Minnesota.
			1,992		1,082		110			Mississippi.
	47		3,275		2,102		110		43	Missouri.
			1,139		591		28			Montana.
		42	2,425		1,376		44		20	Nebraska.
			200		92					Nevada.
			1,016		815		106		66	New Hampshire.
370	525		11,119		7,783		1,203		413	New Jersey.
			465		273		18		10	New Mexico.
	978		20,260		15,821		6,066	27	752	New York.
			4,599		3,510		138		73	North Carolina.
			640		473				15	North Dakota.
46	687		19,001	154	13,427	43	1,132		424	Ohio.
			2,311		1,571		135		50	Oklahoma.
			1,509		835		58		11	Oregon.
371	990	42	29,320	31	19,276		3,021		1,588	Pennsylvania.
116	382		2,089		1,127		351		171	Rhode Island.
			2,421		2,136		120		9	South Carolina.
			1,018		440					South Dakota.
			3,640		2,732		211		147	Tennessee.
			3,881		2,713		295		199	Texas.
29	62		415		201					Utah.
			1,125		606		34		16	Vermont.
	81		5,538		3,248		232		126	Virginia.
			3,420		1,967		133		5	Washington.
			3,112		2,003		110		21	West Virginia.
			4,736		3,544		424		93	Wisconsin.
			691		486		27			Wyoming.
96	1,345		1,706		1,059		126		40	District of Colum- bia.

Table 3.—Secondary school enrollment, by State,
[All public second

State	FRENCH I		FRENCH II		FRENCH III		FRENCH IV	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	165	166	167	168	169	170	171	172
United States	407	133,867	38	90,646	25	25,280	77	4,943
Alabama	92	959	-----	727	-----	44	-----	16
Arizona	-----	91	-----	50	-----	25	-----	-----
Arkansas	-----	389	-----	110	-----	7	-----	-----
California	-----	5,885	-----	3,849	-----	1,048	-----	321
Colorado	-----	562	-----	312	-----	72	-----	-----
Connecticut	-----	3,759	-----	2,869	-----	856	-----	49
Delaware	-----	431	-----	392	-----	67	-----	-----
Florida	-----	497	-----	488	-----	55	-----	12
Georgia	-----	2,290	-----	1,255	-----	623	-----	512
Idaho	-----	165	-----	28	-----	-----	-----	-----
Illinois	-----	4,206	-----	2,665	23	738	-----	200
Indiana	46	1,331	16	931	-----	70	-----	-----
Iowa	15	435	-----	284	-----	-----	-----	-----
Kansas	-----	319	-----	77	-----	10	-----	-----
Kentucky	-----	1,075	-----	486	-----	37	-----	19
Louisiana	-----	2,223	-----	906	-----	232	-----	145
Maine	-----	3,626	-----	1,764	-----	526	-----	66
Maryland	-----	2,621	-----	2,052	-----	67	-----	28
Massachusetts	-----	15,315	-----	10,430	-----	4,678	-----	912
Michigan	107	3,775	-----	2,199	-----	202	-----	87
Minnesota	-----	408	-----	331	-----	28	-----	-----
Mississippi	-----	622	-----	275	-----	-----	-----	-----
Missouri	-----	1,034	-----	529	-----	27	-----	4
Montana	-----	66	-----	77	-----	-----	-----	-----
Nebraska	-----	329	-----	183	-----	10	-----	-----
Nevada	-----	113	-----	42	-----	15	-----	-----
New Hampshire	-----	1,537	-----	1,163	-----	262	-----	53
New Jersey	-----	6,908	-----	5,323	-----	1,523	-----	51
New Mexico	-----	80	-----	28	-----	-----	-----	-----
New York	-----	26,853	-----	21,003	2	10,392	37	1,013
North Carolina	-----	11,767	-----	7,847	-----	337	-----	236
North Dakota	-----	116	-----	71	-----	-----	-----	-----
Ohio	-----	4,584	-----	2,884	-----	678	40	317
Oklahoma	-----	297	-----	152	-----	12	-----	5
Oregon	-----	419	-----	174	-----	20	-----	-----
Pennsylvania	147	12,577	22	9,193	-----	1,397	-----	624
Rhode Island	-----	2,015	-----	1,379	-----	413	-----	14
South Carolina	-----	3,906	-----	1,952	-----	43	-----	38
South Dakota	-----	49	-----	-----	-----	-----	-----	-----
Tennessee	-----	768	-----	531	-----	37	-----	-----
Texas	-----	384	-----	228	-----	20	-----	-----
Utah	-----	405	-----	90	-----	2	-----	-----
Vermont	-----	1,007	-----	628	-----	116	-----	42
Virginia	-----	3,298	-----	2,100	-----	424	-----	142
Washington	-----	1,049	-----	671	-----	22	-----	11
West Virginia	-----	990	-----	652	-----	4	-----	-----
Wisconsin	-----	773	-----	519	-----	17	-----	-----
Wyoming	-----	68	-----	19	-----	-----	-----	-----
District of Columbia	-----	1,491	-----	728	-----	124	-----	26

NOTE.—For list of courses included under each subject-title, see the appendix.

in subjects offered in 15 or more States, 1948-49—Continued
 ary day schools]

GERMAN I		GERMAN II		GERMAN III		GENERAL FOREIGN LANGUAGE		State
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
173	174	175	176	177	178	179	180	20
49	22,564	149	16,235	41	3,599	6,067	6,953	United States.
								Alabama.
								Arizona.
							20	Arkansas.
	1,213		741		110	374	413	California.
	160		55					Colorado.
								Connecticut.
	508		338		112	360	33	Delaware.
	39						52	Florida.
							54	Georgia.
	20							Idaho.
								Illinois.
	2,245	28	1,551		265		366	Indiana.
	260		191		18		58	Iowa.
	115		86				95	Kansas.
	56		13				10	Kentucky.
	71		30		19			Louisiana.
								Maine.
	10		13		37			Maryland.
	485		383					Massachusetts.
	1,094		780		221	790	468	Michigan.
	586		273			651	589	Minnesota.
								Mississippi.
	605		518		42		104	Missouri.
								Montana.
	265		216		14			Nebraska.
								Nevada.
	191		54					New Hampshire.
	21		6					New Jersey.
	73		62					New Mexico.
	2,133		1,654		456	848	390	New York.
								North Carolina.
	4,960		3,796		1,664	958	970	North Dakota.
								Ohio.
	13		15					Oklahoma.
	1,415	95	1,162	9	186	214	428	Oregon.
	25		20					Pennsylvania.
	105		51					Rhode Island.
								South Carolina.
49	3,578		2,656		257	1,316	2,389	South Dakota.
	182		232		95	128	118	Tennessee.
								Texas.
	78		75					Utah.
	6		9					Vermont.
					9	223	302	Virginia.
	17		40					Washington.
	168		29					West Virginia.
						205	34	Wisconsin.
	389	26	278				60	Wyoming.
								District of Colum-
	1,267		752	32	70			bia.
	211		156		24			

Table 3.—Secondary school enrollment, by State, in

[All public second

State	INDUSTRIAL ARTS—NONVOCATIONAL							
	GENERAL SHOP		WOOD WORKING		MECHANICAL DRAWING		METAL WORK	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	181	182	183	184	185	186	187	188
United States.	71,855	455,431	98,308	318,060	89,564	275,125	55,507	137,448
Alabama.....	-----	2,792	45	2,483	45	1,181	-----	521
Arizona.....	330	1,514	220	2,379	101	8,426	43	158
Arkansas.....	94	1,683	-----	1,690	-----	703	-----	400
California.....	6,713	22,677	8,370	37,638	6,047	36,814	5,924	25,901
Colorado.....	944	4,892	996	6,050	335	2,255	430	1,421
Connecticut.....	1,339	8,202	648	4,329	989	6,680	451	2,925
Delaware.....	549	2,086	104	1,388	-----	722	-----	733
Florida.....	1,696	6,754	1,151	3,213	1,062	2,619	28	559
Georgia.....	570	6,172	522	2,614	1,291	877	236	167
Idaho.....	-----	2,170	614	1,608	798	336	21	139
Illinois.....	981	16,274	2,186	16,002	4,769	26,898	1,705	7,228
Indiana.....	2,619	16,744	2,467	9,687	1,983	8,765	1,198	5,163
Iowa.....	1,756	10,158	2,872	9,024	3,041	4,189	650	2,211
Kansas.....	2,399	7,893	969	12,650	1,152	4,546	481	2,281
Kentucky.....	663	3,716	1,006	4,662	389	1,616	2,007	597
Louisiana.....	47	1,945	342	1,073	417	1,212	-----	134
Maine.....	54	3,066	476	1,512	540	455	35	512
Maryland.....	3,174	13,466	5,690	2,251	3,196	2,899	2,819	2,741
Massachusetts.....	243	12,943	1,974	17,142	2,163	16,399	1,095	7,266
Michigan.....	3,607	25,616	5,219	13,728	5,729	17,280	2,595	10,280
Minnesota.....	2,691	14,045	7,226	5,543	6,211	3,239	3,901	3,811
Mississippi.....	533	1,667	146	455	-----	486	-----	65
Missouri.....	371	8,056	784	5,686	342	5,154	348	2,079
Montana.....	-----	2,307	388	1,475	30	971	34	131
Nebraska.....	784	4,203	1,118	2,982	994	1,547	727	299
Nevada.....	-----	104	116	977	217	222	33	-----
New Hampshire.....	288	1,380	602	1,888	566	771	225	272
New Jersey.....	2,889	17,287	3,555	9,658	3,433	19,099	2,752	5,258
New Mexico.....	220	1,115	278	1,894	206	353	-----	18
New York.....	10,079	45,968	8,066	19,555	9,569	15,127	6,212	13,643
North Carolina.....	1,275	5,463	909	2,797	395	905	-----	474
North Dakota.....	607	778	247	638	124	404	70	165
Ohio.....	3,064	32,020	7,075	22,623	6,906	20,144	3,621	11,594
Oklahoma.....	1,121	9,060	1,361	9,915	898	3,493	694	1,873
Oregon.....	1,665	4,570	182	5,011	597	2,082	-----	1,000
Pennsylvania.....	6,760	71,484	10,783	21,394	8,678	28,703	6,203	11,376
Rhode Island.....	308	3,948	901	2,008	201	1,967	864	661
South Carolina.....	133	5,169	279	1,253	175	1,905	-----	157
South Dakota.....	501	1,351	546	1,766	883	737	72	166
Tennessee.....	182	5,009	1,578	4,316	1,198	2,363	98	665
Texas.....	2,409	13,985	3,022	16,277	3,524	9,478	1,295	2,513
Utah.....	2,002	7,259	1,034	2,214	249	1,115	838	952
Vermont.....	-----	458	-----	934	15	189	-----	13
Virginia.....	1,187	7,050	744	3,047	420	2,499	473	931
Washington.....	1,859	4,388	4,569	8,405	4,814	5,084	3,205	2,475
West Virginia.....	1,544	7,304	784	5,440	565	2,705	148	742
Wisconsin.....	1,298	7,594	4,834	6,409	3,585	5,640	2,245	3,473
Wyoming.....	298	1,013	-----	955	299	311	32	442
District of Columbia.....	-----	633	1,310	1,422	423	1,560	1,699	863

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

INDUSTRIAL ARTS—NONVOCATIONAL—Continued										State
PRINTING		ELECTRICAL WORK		HANDCRAFTS		AUTOMOBILE MECHANICS		HOME MECHANICS		
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
189	190	191	192	193	194	195	196	197	198	20
28,758	56,203	24,028	39,818	12,471	18,893	5,635	16,429	2,712	5,581	United States.
	281		134		103		17		42	Alabama.
	273		19		284		73			Arizona.
	184		35							Arkansas.
2,769	11,310	3,385	10,331	545	3,025	2,656	6,039	496	1,131	California.
209	764	12	49	247	681		189		18	Colorado.
219	1,852		439				119		75	Connecticut.
	20		122	150						Delaware.
	202		362							Florida.
451	145	589	48	12	131					Georgia.
21		45								Idaho.
1,056	4,637	563	3,842	697	113	663	1,497	266	34	Illinois.
596	1,970	756	1,033	70	459	120				Indiana.
620	436	544	469	152	54	89	770	51	79	Iowa.
97	793	296	619	43	357	50			158	Kansas.
1,465	470	63	22		17		489		227	Kentucky.
	33	54					43		78	Louisiana.
33	300	60	160				20		18	Maine.
1,318	110	1,041	419		2,862			322		Maryland.
2,060	5,334	586	1,924		200		151	44	57	Massachusetts.
2,179	4,412	566	1,292	139	422	295	626	426	1,323	Michigan.
2,158	333	2,640	441	60	113	57	8		106	Minnesota.
			23							Mississippi.
	302	84	155	136	469		129	18	23	Missouri.
48	46		127		30		68			Montana.
168		521			40	339	29	175	130	Nebraska.
										Nevada.
365	37	456	189				52			New Hampshire.
2,123	3,705	781	1,068	201	161	517	1,152	156	176	New Jersey.
				290	604			52		New Mexico.
4,516	4,859	3,798	7,321	6,373	4,486	334	1,072	65	103	New York.
					74					
27	134									North Carolina.
	152									North Dakota.
1,632	4,053	527	1,972	281	130	17	700	114	471	Ohio.
183	402	111	483	63	702		47	33	84	Oklahoma.
	96		246		302					Oregon.
1,627	3,237	3,717	3,178	813	732	31	1,351	97	213	Pennsylvania.
205	324		138				144			Rhode Island.
	79		33		436					South Carolina.
116	67	20	21				20			South Dakota.
	59	60	61	158	90		119		28	Tennessee.
48	608	211	483	699	595	218	208		286	Texas.
	43	412	340	801	94		766		372	Utah.
					20					Vermont.
	290	236	387	117			129	38		Virginia.
569	583	574	492	410	542	83	149	101	28	Washington.
100	504	141	227	14	20		69	23	21	West Virginia.
387	1,513	635	522		167	93	83	66	95	Wisconsin.
		33			378				31	Wyoming.
1,393	1,251	253	592			73	101		174	District of Columbia.

Table 3.—Secondary school enrollment, by State, in
[All public second

State	INDUSTRIAL ARTS—NONVOCATIONAL—Continued							
	PHOTOGRAPHY		CERAMICS		INDUSTRIAL ARTS I		INDUSTRIAL ARTS II	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	199	200	201	202	203	204	205	206
United States	3,425	4,044	1,700	4,925	415	11,064	1,107	3,037
Alabama	24	15				124		
Arizona	17	76						
Arkansas	44							
Colorado	1,485	2,041	715	2,020				
California		20		120				
Connecticut		79				125		48
Delaware								
Florida								
Georgia			29	133				
Idaho	30							
Illinois	151	35	14	14		944		274
Indiana	64	108			62			
Iowa	39					52		44
Kansas		42		52				19
Kentucky								
Louisiana								
Maine						66		36
Maryland	19							
Massachusetts				34		153		78
Michigan	135	54		256		168		60
Minnesota		74		156		275		158
Mississippi								
Missouri						71		52
Montana								
Nebraska	18					26		14
Nevada	8							
New Hampshire								
New Jersey		60		52				
New Mexico								
New York	316	305	811	980		510		192
North Carolina		18				38		
North Dakota								
Ohio	340	153			196	1,043		159
Oklahoma	117	64				27		34
Oregon	42	83			135	81		64
Pennsylvania		36		529		6,630	1,107	1,613
Rhode Island				118				
South Carolina		20				44		23
South Dakota								
Tennessee			42					
Texas	35	241		148				
Utah	82	87						
Vermont								
Virginia		110		131		74		80
Washington	318	265	57					
West Virginia				90				
Wisconsin	141	18	32	92	22	613		89
Wyoming								
District of Columbia		40						

NOTE.—For list of courses included under each subject-title, see the appendix.

ary day schools]

IND. ARTS—NONVOC. (Continued)		TRADE AND INDUSTRIAL EDUCATION—VOCATIONAL								State
INDUSTRIAL ARTS MATHEMATICS		VOCATIONAL RELATED SUBJECTS		SHOP MATHEMATICS		TRADE SCIENCE		DIVERSIFIED OCCUPATIONS		
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
207	208	209	210	211	212	213	214	215	216	20
1, 146	6, 416	2, 392	19, 285	2, 506	35, 834	3, 312	19, 640	80	8, 746	United States.
		100	507		86				629	Alabama.
			139						347	Arizona.
446	2, 116	16	174	98	1, 413	67	147		993	Arkansas.
					46		28			California.
										Colorado.
	28		40	62	573					Connecticut.
	76		273				176			Delaware.
			107		105		468		384	Florida.
			173						238	Georgia.
				22						Idaho.
			1, 403	156	700	118	767	20	157	Illinois.
	37		304	52	1, 156	210	62			Indiana.
			459	25			110		116	Iowa.
					166		40	34		Kansas.
			246		538		307			Kentucky.
										Louisiana.
	104		30		162		60		40	Maine.
		165	46		99	1, 103	20		46	Maryland.
312	641	68	1, 022	58	1, 794	76	1, 206			Massachusetts.
388	451	88	445	132	1, 620	12			380	Michigan.
		52	57	18	671	10	310		215	Minnesota.
			49						292	Mississippi.
		165	38		331	258			1, 363	Missouri.
			53							Montana.
			347	98	34		40	20	82	Nebraska.
					36				20	Nevada.
				110	54	110	10		6	New Hampshire.
	1, 439		1, 472		1, 971	195	1, 328		408	New Jersey.
					33				43	New Mexico.
	95	713	916	1, 143	13, 851	637	9, 870		744	New York.
			379						322	North Carolina.
	79	74	1, 499	47	1, 606	47	193		16	North Dakota.
		138	287						458	Ohio.
			57		15				12	Oklahoma.
										Oregon.
	1, 128	532	8, 429	267	7, 803	469	4, 147	6		Pennsylvania.
					169					Rhode Island.
	16	35							304	South Carolina.
		60							66	South Dakota.
		25	122		2		25		478	Tennessee.
				171	76					Texas.
			25	30	65				292	Utah.
					99				33	Vermont.
69									253	Virginia.
33		161	16	17						Washington.
	34		171		315		326			West Virginia.
					245					Wisconsin.
									9	Wyoming.
	70									District of Columbia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	TRADE AND INDUSTRIAL EDUCATION—VOCATIONAL—Continued							
	GENERAL INDUSTRIAL SHOP		MACHINE SHOP		AUTOMOBILE MECHANICS		MECHANICAL DRAFTING	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	217	218	219	220	221	222	223	224
United States..	613	3, 321	2, 702	41, 716	3, 468	35, 744	3, 768	63, 600
Alabama.....				106		97		113
Arizona.....				150		276		102
Arkansas.....		88		20		216		
California.....				2, 481		5, 503		1, 720
Colorado.....				239		203		182
Connecticut.....			40	81	67	215		637
Delaware.....				38		144		354
Florida.....				552		310		331
Georgia.....				462		169	126	13
Idaho.....		68		54		259		20
Illinois.....	36	670	119	1, 995	98	1, 960	35	4, 008
Indiana.....	248	67	23	1, 975	67	889		2, 015
Iowa.....		19	19	569	51	370		293
Kansas.....				338	172	672		211
Kentucky.....		20	19	431	6	303	49	1, 075
Louisiana.....				108		192		21
Maine.....		52		354		127		58
Maryland.....	108		995	535	110	42	170	1, 984
Massachusetts.....		91	144	1, 441	94	1, 108	123	3, 296
Michigan.....		115	341	3, 484	717	1, 620	118	3, 876
Minnesota.....		21		842	18	904	43	784
Mississippi.....			22	115	22	168		22
Missouri.....	13	52	23	306	50	611	111	1, 567
Montana.....			19	47		558		78
Nebraska.....				60	29	292		33
Nevada.....		18		130		62		106
New Hampshire.....		52	130	315	173	71	177	42
New Jersey.....				1, 486		577	67	4, 575
New Mexico.....		12		133	25	246		30
New York.....	208	914	173	9, 706	673	6, 788	1, 342	18, 050
North Carolina.....		75	160	424		166		358
North Dakota.....				185				
Ohio.....			133	1, 904	486	1, 609	37	1, 333
Oklahoma.....		125		761		403		191
Oregon.....		67		480	12	587		948
Pennsylvania.....		338	84	5, 334	93	3, 838	807	10, 407
Rhode Island.....				125		221		197
South Carolina.....		68		364		385	32	173
South Dakota.....			40	7	78			45
Tennessee.....		210		279		235		983
Texas.....		85	67	946	73	986		1, 153
Utah.....				67	82	436		
Vermont.....				140		112		234
Virginia.....		70		141	56	425	45	571
Washington.....		14		315	141	870		105
West Virginia.....				937		253		512
Wisconsin.....			151	720	75	151	486	656
Wyoming.....		10		34		115		138
District of Columbia.....								

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued
 ary day schools]

TRADE AND INDUSTRIAL EDUCATION—VOCATIONAL—Continued										
CARPENTRY		CABINET MAKING		RADIO		ELECTRICAL WORK		PRINTING		State
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
225	226	227	228	229	230	231	232	233	234	20
1,901	12,713	2,374	14,349	702	9,236	1,215	19,541	1,688	12,062	United States.
	24		265		29		128		94	Alabama.
	72		17		55				50	Arizona.
	183	26	46				15		98	Arkansas.
	759		687		715	18	593		822	California.
	27		11	12	50		16		24	Colorado.
	118		158	8	48	8	139		167	Connecticut.
	82				63		64		28	Delaware.
	153		266		385		165		233	Florida.
20	104		72		53		44			Georgia.
	38		16		20			35		Idaho.
107	197	8	1,203		547		694	98	1,066	Illinois.
60	221	60	480	20	167		453		821	Indiana.
20	95		125	22	46		37		145	Iowa.
	66		182		100	20	43		271	Kansas.
16	132	50	386	68	57	140	173		125	Kentucky.
	88		15		22		39		22	Louisiana.
	178		26		30		40		30	Maine.
550	110	170	140			44	46	136		Maryland.
85	109	72	495		685	59	619		495	Massachusetts.
100	398	310	591		402		359	140	1,049	Michigan.
	331	63	583	40	52	31	141		237	Minnesota.
	388		84		47					Mississippi.
	197		229	9	107		167		191	Missouri.
			76	16	36					Montana.
	69		10	43	25		12		18	Nebraska.
	36									Nevada.
	43	128	300	36		64	60	93		New Hampshire.
	375	656	317		140		976		217	New Jersey.
			45	20					15	New Mexico.
242	2,524	77	2,890	179	2,881	165	8,340	740	3,047	New York.
307	538	168	432	19	21	19	19	128	92	North Carolina.
			33	38	3					North Dakota.
	114	295	786	82	221	207	588		330	Ohio.
48	207		114		53				73	Oklahoma.
	482		63		241		238		110	Oregon.
23	1,772	23	1,500	16	764	67	4,042		899	Pennsylvania.
	65				154		50		35	Rhode Island.
33	857		201		23		23			South Carolina.
	35		34	36						South Dakota.
25	164	25	401		309		207		96	Tennessee.
										Texas.
136	335		375		258	34	491		412	Utah.
	4		143	16	144	16	5			Vermont.
		60					2			Virginia.
	143		178		12	27	251	27	87	Washington.
	167		52	22	168	129	20		104	
										West Virginia.
	259				85		221		115	Wisconsin.
129	378	183	322			167	21	291	444	Wyoming.
	76				18					District of Columbia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	TRADE AND INDUSTRIAL EDUCATION—VOCATIONAL—Continued							
	SHEET METAL		AVIATION		WELDING		COSMETOLOGY	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	235	236	237	238	239	240	241	242
United States	3,369	4,778	352	5,167	651	2,668	266	5,418
Alabama								107
Arizona				8				
Arkansas		54						
California		239		211		498	76	711
Colorado								
Connecticut		61						
Delaware								49
Florida		97		175		34		80
Georgia	20							
Idaho								
Illinois		163		261	258	408		344
Indiana		140		91	20	177	126	78
Iowa		9		67		58		
Kansas					22	76		14
Kentucky		222				26		38
Louisiana				19				
Maine								
Maryland	678	74						
Massachusetts		240		59		140		
Michigan	350	246	316	59		409		
Minnesota	142	225		25	23	31		
Mississippi								
Missouri	2	69	15	34		157		63
Montana				34		24		
Nebraska						8		
Nevada		22						
New Hampshire		20						29
New Jersey	437	102		126				
New Mexico	25			8				18
New York	1,622	1,027		3,564	69	139	23	2,181
North Carolina								
North Dakota								
Ohio		82		184	185	102	6	168
Oklahoma		38		25		52		72
Oregon		164		81				
Pennsylvania		695		51		118	35	464
Rhode Island				31				
South Carolina								105
South Dakota								
Tennessee		48						469
Texas		142			74	63		303
Utah						10		
Vermont	58							
Virginia	35	96		5		5		113
Washington		18		7				12
West Virginia		135		42		100		
Wisconsin		334	21			33		
Wyoming		16						
District of Columbia								

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued
 ary day schools]

BUSINESS EDUCATION										State
GENERAL BUSINESS		BUSINESS ARITHMETIC		BOOKKEEPING I		BOOKKEEPING II		BOOKKEEPING III		
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
243	244	245	246	247	248	249	250	251	252	20
36,815	242,762	58,311	191,379	12,548	385,533	5,233	64,404	551	3,650	United States.
68	1,229	2,167	5,229	649	5,622	42	458			Alabama.
266	1,773	288	549		1,656	46	93			Arizona.
72	753	1,370	2,792	174	4,102		374			Arkansas.
689	14,472	1,586	7,934	194	20,726	60	3,247	56	151	California.
568	1,075	237	1,372	275	3,295	155	194			Colorado.
1,098	2,953	1,312	2,745	88	5,151	22	1,623		111	Connecticut.
45	561	76	636		847	25	58			Delaware.
17	627	169	4,322	100	5,312	8	486	26		Florida.
1,354	4,401	1,710	6,088	372	4,715	26	621	6		Georgia.
25	1,338	91	555		2,658		237			Idaho.
2,178	14,599	1,773	3,697	1,317	21,520	1,273	2,648		32	Illinois.
788	8,773	1,924	7,972	822	13,435	454	1,083			Indiana.
2,030	3,316	3,554	1,164	2,599	10,560	328	585			Iowa.
848	2,595	693	3,011	251	8,066	208	347			Kansas.
923	3,107	1,211	3,219	64	4,279	37	550	23	24	Kentucky.
34	962	139	1,375	30	2,654		222			Louisiana.
	3,011	71	3,612		3,415		1,063		26	Maine.
799	4,105	224	3,808	252	3,898	10	706			Maryland.
786	8,126	309	11,195	429	13,040		6,991	136	1,490	Massachusetts.
2,842	12,715	3,748	11,301	449	19,182	324	2,784			Michigan.
2,654	11,559	211	786		12,354		658			Minnesota.
114	734	605	1,259	53	6,895	64	169			Mississippi.
776	6,959	1,926	1,260	133	11,485	116	734			Missouri.
255	689	263	290		2,522		78			Montana.
1,444	1,258	1,426	1,051	1,132	4,176	195	264			Nebraska.
	208	22	188		407		14			Nevada.
34	1,294	96	848		1,535	65	366		12	New Hampshire.
852	13,734	928	8,798		15,078	48	4,339	51	88	New Jersey.
54	398	71	35		1,599		45			New Mexico.
4,313	23,379	4,827	23,507	299	33,152	163	11,667	35	515	New York.
	5,339	258	5,121		5,735		338			North Carolina.
118	2,640	869	511	271	2,755	19	56			North Dakota.
1,315	17,165	3,055	14,729	104	23,779	173	3,022		9	Ohio.
811	4,162	2,233	810	134	8,638		312			Oklahoma.
20	490	100	420	321	4,168		126			Oregon.
2,505	25,526	3,666	21,200	406	32,410	499	10,689	218	1,071	Pennsylvania.
159	1,525	272	1,107	112	2,116		896		83	Rhode Island.
	1,136	139	2,439		5,484		1,110			South Carolina.
149	2,098	1,153	227		3,902	112				South Dakota.
134	2,065	303	1,245		4,140		331			Tennessee.
1,204	10,126	9,505	5,390	679	17,223	387	995			Texas.
338	847	150	402		1,749		70			Utah.
28	708	46	648		1,175		262			Vermont.
521	5,505	546	4,831		4,420		606		25	Virginia.
586	2,154	417	1,558	189	5,547	204	826		13	Washington.
741	2,129	436	5,060		5,077		805			West Virginia.
1,846	5,124	1,913	2,727	618	11,279	150	1,067			Wisconsin.
372	71	223	168	9	1,050	20	30			Wyoming.
42	3,249		2,188	23	1,550		159			District of Columbia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	BUSINESS EDUCATION—Continued							
	TYPING I		TYPING II		TYPING III		SHORTHAND I	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	253	254	255	256	257	258	259	260
United States	31,059	872,973	15,613	287,690	522	7,538	5,312	284,968
Alabama.....	212	14,550	286	7,468	-----	23	139	5,106
Arizona.....	-----	5,027	179	1,669	-----	-----	-----	1,372
Arkansas.....	276	12,299	79	4,520	-----	-----	169	3,928
California.....	1,616	72,029	260	20,580	223	674	127	12,442
Colorado.....	1,404	10,043	215	3,291	-----	13	100	2,732
Connecticut.....	120	11,658	65	4,038	-----	203	98	3,183
Delaware.....	-----	1,076	209	411	-----	-----	-----	552
Florida.....	55	12,932	49	4,005	-----	-----	30	4,542
Georgia.....	210	13,873	189	5,737	-----	-----	98	4,576
Idaho.....	32	5,561	78	2,044	-----	-----	-----	1,686
Illinois.....	2,700	42,850	2,142	14,153	-----	266	224	18,107
Indiana.....	696	26,383	1,019	9,482	-----	218	347	9,387
Iowa.....	227	21,049	1,192	6,135	44	52	46	6,130
Kansas.....	26	17,872	63	5,586	-----	-----	79	5,309
Kentucky.....	510	12,800	345	4,045	-----	9	38	3,701
Louisiana.....	-----	9,096	-----	750	-----	-----	-----	1,900
Maine.....	6	4,543	19	2,236	-----	287	6	2,534
Maryland.....	-----	8,288	-----	4,763	-----	964	-----	1,943
Massachusetts.....	303	22,212	16	11,467	-----	2,335	867	8,258
Michigan.....	2,065	36,889	817	14,219	138	57	124	11,847
Minnesota.....	685	22,641	164	1,737	-----	-----	-----	6,474
Mississippi.....	169	11,121	114	1,736	-----	-----	6	5,487
Missouri.....	1,555	23,876	1,286	7,265	-----	30	35	8,500
Montana.....	-----	4,846	-----	1,575	-----	-----	-----	1,644
Nebraska.....	738	12,964	256	4,066	-----	59	86	3,640
Nevada.....	284	816	84	326	-----	-----	-----	344
New Hampshire.....	57	1,943	-----	917	-----	26	-----	1,025
New Jersey.....	2,084	23,543	-----	9,743	-----	184	617	9,579
New Mexico.....	-----	3,729	-----	1,365	-----	-----	-----	1,241
New York.....	3,810	85,901	1,219	12,916	10	302	368	30,375
North Carolina.....	-----	19,754	18	8,048	-----	-----	-----	4,660
North Dakota.....	617	4,685	220	1,244	-----	-----	-----	1,291
Ohio.....	2,723	42,818	1,194	18,797	35	322	210	16,710
Oklahoma.....	285	21,319	264	9,088	-----	-----	49	6,560
Oregon.....	545	11,548	289	2,872	-----	-----	40	3,206
Pennsylvania.....	1,143	54,657	1,015	27,916	-----	978	785	24,754
Rhode Island.....	271	4,002	-----	1,503	39	240	-----	1,393
South Carolina.....	-----	10,297	-----	4,902	-----	-----	65	3,837
South Dakota.....	-----	6,490	120	1,565	-----	-----	16	1,533
Tennessee.....	337	14,904	217	5,553	-----	-----	73	4,791
Texas.....	2,157	46,287	960	9,558	-----	-----	251	11,513
Utah.....	228	8,655	73	3,019	-----	56	-----	1,837
Vermont.....	-----	2,014	-----	750	-----	7	-----	832
Virginia.....	171	13,373	-----	6,320	-----	-----	34	4,371
Washington.....	309	16,431	312	4,327	-----	102	70	4,190
West Virginia.....	-----	14,814	35	5,336	-----	-----	4	4,810
Wisconsin.....	775	23,579	396	6,158	33	-----	82	9,640
Wyoming.....	-----	2,338	55	931	-----	-----	-----	813
District of Columbia.....	1,658	2,598	100	1,558	-----	131	29	684

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

BUSINESS EDUCATION—Continued										State
SHORTHAND II		BUSINESS LAW		BUSINESS ENG- LISH		ECONOMIC GE- OGRAPHY		CONSUMER ECONOMICS		
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
261	262	263	264	265	266	267	268	269	270	20
3,718	125,133	84,964	45,621	21,945	34,675	32,601	57,444	20,308	18,564	United States.
88	1,831	2,952	1,059	102	95	1,197	147	637	1,118	Alabama.
49	386	639	62	184	180	56	196	161	68	Arizona.
65	1,039	292	505	207	303	376	678	259	101	Arkansas.
179	5,664	2,488	1,724	4,803	4,209	707	701	778	1,930	California.
99	840	664	112	287	676	181	50	99	123	Colorado.
38	1,806	1,398	1,067	20	809	781	1,334	638	602	Connecticut.
-----	444	14	154	-----	343	-----	217	110	66	Delaware.
26	1,157	1,326	560	139	898	756	275	192	142	Florida.
60	2,207	531	449	153	536	1,196	307	330	-----	Georgia.
40	488	62	58	76	26	72	-----	46	-----	Idaho.
422	8,165	6,555	726	978	627	1,859	7,423	1,469	750	Illinois.
456	2,749	2,479	399	1,583	576	754	644	794	142	Indiana.
110	2,174	4,740	847	614	171	1,258	672	303	253	Iowa.
78	1,095	1,253	241	215	176	359	66	183	43	Kansas.
-----	1,294	1,430	582	145	502	940	334	181	227	Kentucky.
-----	298	208	122	47	225	28	378	-----	-----	Louisiana.
14	1,300	707	523	34	737	271	591	140	144	Maine.
-----	1,845	498	751	-----	182	-----	828	282	622	Maryland.
-----	5,434	3,713	2,624	87	2,300	1,043	7,386	1,117	1,667	Massachusetts.
123	5,637	4,479	1,161	2,048	1,090	2,178	918	755	311	Michigan.
-----	4,910	1,106	2,039	70	23	88	3,666	533	298	Minnesota.
24	707	909	277	246	303	197	372	-----	-----	Mississippi.
13	2,304	1,893	756	827	243	34	499	117	219	Missouri.
-----	760	210	75	123	41	168	33	-----	38	Montana.
79	1,182	1,313	468	663	327	330	78	-----	290	Nebraska.
-----	119	70	14	80	-----	-----	-----	-----	-----	Nevada.
-----	480	449	58	-----	-----	40	808	-----	171	New Hampshire.
-----	5,832	4,777	2,345	42	1,535	2,361	6,185	2,066	2,092	New Jersey.
-----	286	214	53	68	149	-----	116	-----	-----	New Mexico.
409	19,659	7,446	12,866	623	578	1,371	3,924	3,002	320	New York.
18	1,324	404	339	164	599	101	649	33	118	North Carolina.
22	300	1,656	30	101	58	406	98	81	29	North Dakota.
275	8,386	7,339	2,348	2,620	4,308	3,808	4,363	1,704	1,182	Ohio.
-----	817	1,463	515	1,091	1,123	466	46	263	185	Oklahoma.
-----	1,223	792	1,028	16	108	-----	52	120	197	Oregon.
260	15,400	6,204	4,563	1,137	7,272	3,524	7,625	2,182	3,109	Pennsylvania.
-----	739	382	477	-----	195	206	490	95	222	Rhode Island.
-----	1,685	122	532	89	442	-----	30	42	434	South Carolina.
40	378	1,335	94	125	135	194	109	170	21	South Dakota.
-----	1,126	660	112	39	34	844	435	220	420	Tennessee.
255	1,218	4,681	736	650	375	2,116	388	374	121	Texas.
-----	709	382	358	-----	337	-----	-----	91	35	Utah.
-----	392	261	184	-----	194	46	326	40	23	Vermont.
35	2,023	780	216	234	317	352	1,334	-----	159	Virginia.
121	1,304	878	316	635	74	357	-----	101	-----	Washington.
-----	1,441	837	297	135	847	460	429	148	169	West Virginia.
283	3,996	1,379	188	314	397	866	2,244	380	383	Wisconsin.
37	310	230	16	131	-----	220	-----	72	-----	Wyoming.
-----	270	364	595	-----	-----	34	-----	-----	20	District of Colum- bia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	BUSINESS EDUCATION—Continued							
	RETAILING		SALESMANSHIP		ADVERTISING		COOPERATIVE OFFICE TRAINING	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	271	272	273	274	275	276	277	278
United States	11,312	16,858	29,850	20,625	4,320	1,888	4,625	16,827
Alabama	---	115	26	---	---	---	57	197
Arizona	46	25	371	---	71	---	---	99
Arkansas	48	100	151	184	---	7	---	67
California	375	697	1,175	2,307	259	142	245	1,210
Colorado	19	34	162	---	---	10	16	156
Connecticut	170	76	1,223	300	164	21	---	65
Delaware	14	35	7	105	7	11	---	146
Florida	---	16	570	162	---	---	40	178
Georgia	103	61	332	289	33	289	16	104
Idaho	---	---	---	---	---	---	---	---
Illinois	142	246	2,260	1,880	528	---	255	665
Indiana	503	77	1,073	321	62	25	341	375
Iowa	168	181	508	182	64	---	165	429
Kansas	90	46	339	71	---	16	32	180
Kentucky	72	403	370	580	106	---	62	---
Louisiana	30	49	44	---	---	---	---	30
Maine	---	23	216	55	19	---	---	61
Maryland	55	75	---	---	---	---	74	37
Massachusetts	68	756	1,072	1,656	247	36	99	681
Michigan	1,507	1,696	1,100	476	129	---	458	1,141
Minnesota	72	190	210	90	---	---	---	222
Mississippi	---	---	35	---	---	---	---	31
Missouri	276	205	323	190	---	---	45	451
Montana	34	---	---	74	---	---	142	116
Nebraska	90	50	239	192	106	---	79	170
Nevada	---	---	---	---	---	---	30	---
New Hampshire	23	---	196	107	68	---	10	82
New Jersey	309	771	2,740	1,488	483	250	30	598
New Mexico	---	25	---	47	---	---	---	41
New York	4,633	5,225	3,748	4,119	386	179	321	1,941
North Carolina	---	72	30	184	---	59	---	104
North Dakota	---	92	165	35	---	---	---	126
Ohio	839	695	3,230	968	491	650	314	1,095
Oklahoma	---	118	183	51	69	---	---	258
Oregon	13	91	---	---	---	44	---	449
Pennsylvania	728	2,706	4,202	3,238	625	---	1,077	2,982
Rhode Island	---	22	396	---	---	---	---	39
South Carolina	104	62	279	171	---	---	19	86
South Dakota	---	26	8	---	---	---	---	6
Tennessee	43	---	168	42	---	---	---	237
Texas	60	388	982	61	72	22	163	292
Utah	118	219	178	142	---	---	---	153
Vermont	---	20	132	224	32	46	---	94
Virginia	89	276	61	22	---	---	31	238
Washington	102	377	83	93	44	55	294	752
West Virginia	---	199	297	212	23	26	---	122
Wisconsin	106	97	940	93	185	---	210	258
Wyoming	---	24	---	---	---	---	---	21
District of Columbia	209	197	21	214	47	---	---	42

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued
 ary day schools]

BUSINESS EDUCATION— Continued				HOME ECONOMICS						State
COOPERATIVE STORE TRAINING		OFFICE PRAC- TICE		JUNIOR HOME- MAKING (GRADE 7 OR 8)		JR. HOMEM'G FOR BOYS (GRADE 7 OR 8)		HOMEMAKING, GENERAL		
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
279	280	281	282	283	284	285	286	287	288	20
2, 017	13, 999	17, 564	90, 637	64, 362	316, 188	1, 955	6, 474	7, 579	36, 289	United States.
	281	85	297		1, 510				1, 111	Alabama.
	77	300			829			18	17	Arizona.
38	341	159	223	2, 980	48	131			823	Arkansas.
	595	2, 148	10, 500	9, 236	32, 803	87	2, 278		3, 051	California.
35	74	58	273	2, 018	3, 572				209	Colorado.
	75	463	3, 060		4, 759		918		413	Connecticut.
	76	25	278	523	1, 920			63	248	Delaware.
	119	243	733	1, 580	4, 722	170	20		390	Florida.
37	349	300	238	133	2, 697				1, 170	Georgia.
31		30	124		714				466	Idaho.
115	424	1, 668	5, 595	460	6, 149		717	566	1, 448	Illinois.
62	372	750	1, 434	1, 725	10, 356		574	112	202	Indiana.
84	254	465	422	488	4, 873		375	47	846	Iowa.
	188	103	442	2, 523	4, 877	295		408	261	Kansas.
		248	187		3, 657				253	Kentucky.
	119	64	300		1, 733				347	Louisiana.
	23	123	654	255	619				501	Maine.
	145		1, 611	189	13, 045	322	115		1, 610	Maryland.
	253	162	10, 689	217	19, 794		877	22	358	Massachusetts.
89	714	1, 504	2, 002	6, 377	17, 239		156	236	1, 023	Michigan.
	186	49	1, 608	2, 609	13, 270	40	31	103	294	Minnesota.
	124	10	374	62	1, 068				414	Mississippi.
45	257	219	1, 953	1, 085	2, 777			23	983	Missouri.
108	376		48	267	903				82	Montana.
109	151	164	567	1, 257	762				92	Nebraska.
			2		420					Nevada.
8	147	35	229	495	1, 108					New Hampshire.
78	158	841	8, 023	555	8, 397	228		103	1, 569	New Jersey.
67	152	21	43	300	663			65	64	New Mexico.
291	962	790	17, 973	12, 083	26, 038	47	620	180	2, 175	New York.
	311	30	211		1, 366				761	North Carolina.
	57			64	102					North Dakota.
27	590	1, 137	3, 619	4, 085	16, 767		184	2, 748	1, 701	Ohio.
	433	90	877	465	5, 969	30	190	42	516	Oklahoma.
13	115	120	224	556	2, 171			74	221	Oregon.
216	1, 639	2, 378	9, 748	1, 368	52, 041	92	974	59	5, 303	Pennsylvania.
	22	27	1, 366	230	4, 094				270	Rhode Island.
19	476		106		2, 341				562	South Carolina.
30	61		35	355	1, 062				271	South Dakota.
	337	49	142	337	4, 074				556	Tennessee.
136	1, 789	498	617	2, 629	3, 923	515		213	692	Texas.
	143	286	102	1, 293	3, 739			75	118	Utah.
	60	32	107		1, 075				124	Vermont.
64	268	152	276	854	3, 608		45		2, 737	Virginia.
97	199	130	653	2, 150	4, 453	168	460	63	148	Washington.
63	414	183	314	1, 252	8, 120				923	West Virginia.
137		1, 115	1, 156	1, 729	3, 540			81	807	Wisconsin.
18	70	18	136		806				159	Wyoming.
	100	674	830	2, 325	2, 683					District of Colum- bia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	HOME ECONOMICS—Continued							
	FOODS, 1ST YEAR		FOODS, 2D YEAR		FOODS, 3D YEAR		CLOTHING, 1ST YEAR	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	259	290	291	292	293	294	295	296
United States	38, 105	72, 867	16, 497	27, 068	2, 546	1, 811	38, 363	83, 246
Alabama	706	676	435	561			704	579
Arizona	1, 105	34	281				1, 133	44
Arkansas	40	278		74			54	274
California	7, 438	9, 488	1, 926	2, 775	1, 443	206	9, 140	12, 977
Colorado	116	700	163	166			218	928
Connecticut	113	1, 704	61	260		11	82	1, 655
Delaware	141	17		131			141	26
Florida	565	751	121	667			503	841
Georgia	680	586	335	665			623	214
Idaho	252	80		137			252	137
Illinois	1, 975	9, 014	1, 081	1, 434		71	1, 701	10, 176
Indiana	1, 726	3, 038	948	1, 551	190	12	1, 415	3, 371
Iowa	175	683	164	267	35		126	950
Kansas	499	1, 776	173	651			391	2, 113
Kentucky	173	637	116	283			261	516
Louisiana	263	240	152	254			266	455
Maine	24			17			29	
Maryland	379	1, 195	215	257			257	1, 627
Massachusetts	436	2, 979	85	1, 391	14	282	642	3, 118
Michigan	1, 680	4, 340	842	1, 623	124	54	2, 652	5, 142
Minnesota	844	822	441	237	27		1, 055	679
Mississippi	56	484	50	109			60	169
Missouri	557	2, 352	109	755		41	523	3, 376
Montana								
Nebraska	419	259	60	122			144	426
Nevada								
New Hampshire								10
New Jersey	1, 765	4, 495	320	1, 692	84	300	1, 567	5, 045
New Mexico		208		61				174
New York	1, 555	8, 383	363	2, 681		258	1, 103	9, 604
North Carolina	72	199	75	70			45	355
North Dakota	74		117				76	
Ohio	2, 824	2, 546	1, 294	984	165	240	2, 958	2, 808
Oklahoma	187	736	163	415		31	204	952
Oregon	36	484	116	118	26		43	697
Pennsylvania	2, 721	3, 684	877	2, 121	170	124	2, 045	4, 512
Rhode Island		566		127				671
South Carolina	190	404	277	253			165	265
South Dakota	65	210		21			221	239
Tennessee	301	509	100	343			159	580
Texas	3, 729	4, 408	3, 316	2, 173	175	55	3, 138	3, 836
Utah	355	46	95	110			214	
Vermont		19		19		26		20
Virginia	329	624	227	239			195	551
Washington	1, 892	1, 129	672	587	19	16	2, 231	1, 066
West Virginia	126	246	18	182		24	126	270
Wisconsin	1, 292	1, 396	618	410	74	29	1, 259	1, 378
Wyoming	145	18	40	22			144	51
District of Columbia	85	424	51	53		31	98	369

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

HOME ECONOMICS—Continued										State
CLOTHING, 2D YEAR		CLOTHING, 3D YEAR		HOMEMAKING I		HOMEMAKING II		HOMEMAKING III		
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
297	298	299	300	301	302	303	304	305	306	20
20,488	39,744	2,703	3,020	2,714	430,176	352	233,723	706	89,477	United States.
649	432	27	-----	-----	10,274	-----	7,170	-----	2,608	Alabama.
662	-----	-----	-----	-----	1,371	-----	523	-----	186	Arizona.
76	225	-----	-----	-----	8,520	-----	5,626	-----	1,829	Arkansas.
2,786	6,437	1,530	561	-----	13,566	-----	4,122	-----	1,911	California.
184	243	-----	-----	-----	3,422	-----	1,472	-----	377	Colorado.
53	446	-----	59	12	5,000	-----	1,878	82	770	Connecticut.
-----	539	63	138	-----	1,065	-----	387	-----	183	Delaware.
193	568	-----	-----	-----	11,079	-----	4,947	-----	1,508	Florida.
373	588	64	-----	-----	12,589	-----	9,796	-----	3,350	Georgia.
-----	170	-----	40	-----	2,724	-----	1,600	-----	619	Idaho.
1,018	2,556	67	79	-----	11,865	-----	7,467	-----	3,939	Illinois.
1,102	1,480	15	27	-----	12,168	-----	8,374	129	4,161	Indiana.
182	408	-----	-----	-----	12,989	-----	7,016	47	1,578	Iowa.
217	1,229	-----	99	-----	8,850	-----	4,705	-----	1,798	Kansas.
107	226	-----	-----	-----	9,105	-----	5,383	23	1,655	Kentucky.
165	385	-----	-----	-----	8,925	-----	6,180	-----	3,153	Louisiana.
-----	12	-----	-----	-----	2,850	-----	1,561	-----	698	Maine.
278	418	-----	78	-----	5,760	-----	2,856	-----	1,472	Maryland.
183	2,478	14	471	-----	10,100	-----	1,665	-----	1,075	Massachusetts.
1,501	2,540	79	111	555	15,134	-----	6,375	-----	2,921	Michigan.
514	426	115	91	52	10,052	34	5,691	-----	2,160	Minnesota.
30	90	-----	-----	-----	7,957	-----	5,919	-----	2,036	Mississippi.
130	1,307	-----	43	-----	9,036	-----	5,311	-----	1,924	Missouri.
-----	-----	-----	-----	-----	2,543	-----	1,556	-----	548	Montana.
50	245	-----	-----	362	4,878	-----	2,275	-----	1,008	Nebraska.
-----	-----	-----	-----	-----	686	-----	253	-----	98	Nevada.
-----	-----	-----	-----	-----	1,532	-----	919	-----	849	New Hampshire.
891	2,572	56	322	100	6,277	-----	1,783	-----	919	New Jersey.
-----	95	-----	-----	-----	2,265	-----	1,182	-----	348	New Mexico.
224	3,426	52	536	173	18,341	111	6,443	207	5,167	New York.
52	119	-----	-----	-----	20,829	-----	15,395	-----	5,128	North Carolina.
92	-----	-----	-----	22	2,088	-----	1,681	-----	295	North Dakota.
1,922	1,375	12	46	176	22,967	130	12,632	139	4,730	Ohio.
87	456	-----	19	-----	12,996	-----	8,019	-----	2,336	Oklahoma.
48	358	150	-----	179	5,103	-----	2,554	-----	712	Oregon.
1,174	2,754	51	102	409	40,082	-----	16,910	-----	4,420	Pennsylvania.
-----	261	-----	22	-----	1,716	-----	233	-----	101	Rhode Island.
196	250	-----	-----	-----	7,568	-----	5,421	-----	1,183	South Carolina.
77	75	-----	-----	-----	2,717	-----	1,414	21	477	South Dakota.
83	460	-----	-----	-----	16,063	-----	10,335	-----	3,579	Tennessee.
2,793	2,216	202	81	102	22,931	77	15,051	40	4,477	Texas.
272	-----	-----	24	-----	5,034	-----	2,514	-----	1,504	Utah.
-----	18	-----	-----	-----	1,077	-----	559	-----	246	Vermont.
137	265	-----	-----	64	8,172	-----	6,314	-----	2,863	Virginia.
1,156	756	12	23	160	7,845	-----	3,866	18	1,469	Washington.
10	242	-----	-----	-----	10,894	-----	4,847	-----	1,324	West Virginia.
709	530	194	48	328	9,785	-----	5,072	-----	3,587	Wisconsin.
36	-----	-----	-----	-----	876	-----	471	-----	198	Wyoming.
76	68	-----	-----	20	510	-----	-----	-----	-----	District of Colum- bia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	HOME ECONOMICS—CONTINUED							
	HOMEMAKING IV		HOME MANAGE- MENT		HEALTH AND HOME NURSING		FAMILY RELATION- SHIPS	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	307	308	309	310	311	312	313	314
United States	121	17, 639	16, 943	24, 369	25, 328	15, 763	22, 074	9, 235
Alabama.....		519	135	57	115	16	316	43
Arizona.....		38	367		63		308	
Arkansas.....		284		179	51		68	
California.....		434	2, 884	3, 105	1, 463	593	1, 831	1, 283
Colorado.....		119	229	300		666	448	
Connecticut.....	48	150		225	654	245	409	244
Delaware.....		123	80		174		198	
Florida.....		282	145	932	37		175	42
Georgia.....		774	114	478	82		1, 069	35
Idaho.....		239	110		255			30
Illinois.....		657	1, 509	4, 348	1, 142	122	214	460
Indiana.....		874	1, 543	369	2, 616	589	1, 437	265
Iowa.....		269	444	62	377		261	46
Kansas.....		309	391	548	274	62	628	282
Kentucky.....		196	149	34	280		189	94
Louisiana.....		662	383	357	32	88	96	
Maine.....		144	52		17	31		
Maryland.....		422	316	733	65		228	30
Massachusetts.....		360	210	1, 369	944	719	30	754
Michigan.....		420	1, 561	522	1, 260	99	3, 570	747
Minnesota.....		31	100	11	219	216	316	96
Mississippi.....		92	40	323				
Missouri.....		226	82	267	60	160	446	588
Montana.....		57		280	27			
Nebraska.....		39	358	965	460		245	93
Nevada.....								
New Hampshire.....		318			27			
New Jersey.....		183	219	954	3, 181	5, 640	367	493
New Mexico.....		42	38	20	190	78	38	
New York.....		60	780	1, 396	3, 961	3, 778	2, 803	1, 641
North Carolina.....		546		45	177	37	179	246
North Dakota.....			58	54	55			
Ohio.....		1, 475	1, 167	1, 010	1, 151	380	933	372
Oklahoma.....		455		69	150		1, 369	34
Oregon.....		116	362	860	195		59	67
Pennsylvania.....		1, 480	880	1, 668	1, 608	1, 540	472	232
Rhode Island.....		9		70	24	50		47
South Carolina.....		57		172				
South Dakota.....		40	116	148	95			16
Tennessee.....		560	37	85		109	34	
Texas.....		421	780	414	1, 399	176	1, 400	167
Utah.....		1, 015		502			70	
Vermont.....		170			12			
Virginia.....		641	249	107	267	149	252	113
Washington.....	5	175	615	753	511		657	320
West Virginia.....	68	207		25	164	60	54	
Wisconsin.....		1, 821	328	452	1, 128	160	800	330
Wyoming.....		128		101	204			25
District of Colum- bia.....			112		162		105	

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

HOME ECONOMICS—Continued								State
CHILD DEVELOPMENT		CONSUMER BUYING		THE HOUSE		RELATED ARTS		
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
315	316	317	318	319	320	321	322	20
8,030	2,854	3,962	1,130	1,527	1,178	2,248	4,971	United States.
334	37	161 50		172 76				Alabama.
1,278 34	494	219 72	178	147	155	1,848	1,157	Arizona.
31	36		48		58			Arkansas.
220	485	84	70		19			California.
85								Colorado.
91	97	158	68		97			Connecticut.
493	99	196	98		68		60	Delaware.
188		43				66		Florida.
32			43	136 25	34	89		Georgia.
		180						Idaho.
60		89						Illinois.
137		60			12			Indiana.
126	86	29		19	25			Iowa.
819	89		74	149	22		32	Kansas.
							16	Kentucky.
48		46 56			43	31		Louisiana.
				29	43		143	Maine.
187		178		36				Maryland.
								Massachusetts.
								Michigan.
								Minnesota.
1,049	300	341	113	209			52	Mississippi.
		19		26				Missouri.
641	783	277	99	130	398	33	2,433	Montana.
								Nebraska.
								Nevada.
								New Hampshire..
								New Jersey.
								New Mexico.
								New York.
								North Carolina.
492	67	38 451		162	58	27	75	North Dakota.
54	24	34		34		33		Ohio.
100								Oklahoma.
243	61	767	104	12	146	28	918	Oregon.
		46						Pennsylvania.
		35						Rhode Island.
54			43			57	32	South Carolina.
								South Dakota.
451	126 38	21	31			36		Tennessee.
25								Texas.
159	35	121	124	24				Utah.
123		39		118				Vermont.
71	57	53						Virginia.
50		38	30	23			53	Washington.
28		20						West Virginia.
327		41						Wisconsin.
								Wyoming.
								District of Colum- bia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	AGRICULTURE							
	AGRICULTURE (GRADE 7 OR 8)		AGRICULTURE I		AGRICULTURE II		AGRICULTURE III	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	323	324	325	326	327	328	329	330
United States	4, 155	5, 055	644	158, 715	237	100, 476	120	72, 419
Alabama		283		6, 017		4, 110		3, 035
Arizona				564		350		274
Arkansas	215	709	71	5, 846		4, 288		2, 787
California	3, 076	155		7, 059		3, 993		2, 650
Colorado				1, 233		799		458
Connecticut				299		38		123
Delaware				164		141		112
Florida	344	997		4, 131		2, 697		1, 093
Georgia		206		5, 467		4, 119		3, 520
Idaho				1, 151		689		424
Illinois		35		6, 735		4, 839		4, 190
Indiana		542	27	5, 171		2, 361		2, 413
Iowa			123	5, 617	59	2, 001	62	1, 393
Kansas			13	3, 117	20	1, 820		1, 341
Kentucky		76		4, 276		2, 292		2, 041
Louisiana		32		3, 710		2, 588		1, 997
Maine				438		326		335
Maryland		493		1, 661		868		565
Massachusetts				463		297		304
Michigan		71	34	4, 983	90	3, 223	17	1, 893
Minnesota		146		2, 675		1, 773		1, 653
Mississippi	38	210		4, 300		3, 216		1, 757
Missouri				5, 738		3, 042		2, 203
Montana				1, 052		491		433
Nebraska	9		69	1, 896	26	1, 231		913
Nevada				74		61		40
New Hampshire				194		157		110
New Jersey				753		569		505
New Mexico	20			526		436		334
New York	324	192	127	2, 477		2, 529		1, 525
North Carolina				8, 231		5, 932		3, 653
North Dakota				1, 203		489		557
Ohio		61	133	5, 113		2, 023	15	2, 174
Oklahoma		82		7, 449		3, 839		2, 330
Oregon				1, 390		891		564
Pennsylvania				4, 619		3, 109		2, 722
Rhode Island				96		81		72
South Carolina		28		4, 672		3, 592		1, 462
South Dakota				530		406		222
Tennessee		298		6, 997		3, 957		2, 691
Texas		92		13, 733		9, 801		6, 583
Utah		30		1, 914		1, 076		869
Vermont		204		291		163		166
Virginia	129	15		4, 529		2, 894		2, 400
Washington				2, 358		1, 864		1, 443
West Virginia		98		2, 630		1, 482		991
Wisconsin			47	4, 551	42	3, 288	26	2, 872
Wyoming				592		245		227
District of Columbia								

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

any day schools]

AGRICUL- TURE—Con.		HEALTH, SAFETY, AND PHYSICAL EDUCATION								
AGRICULTURE IV		PHYSICAL EDU- CATION		HEALTH		HYGIENE		SAFETY		State
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
331	332	333	334	335	336	337	338	339	340	20
124	31,450	109,194	5,006,458	272,997	1,543,572	99,313	235,009	116,323	137,633	United States.
-----	135	772	116,925	5,404	27,683	584	2,470	3,491	4,674	Alabama.
-----	42	-----	20,184	412	2,553	26	362	346	250	Arizona.
-----	596	1,367	79,975	3,470	10,867	1,727	2,665	1,081	3,802	Arkansas.
-----	1,319	-----	479,712	10,124	60,706	2,979	2,460	4,118	3,030	California.
-----	115	850	42,027	3,841	7,592	1,763	1,840	754	430	Colorado.
-----	12	-----	62,479	1,292	11,038	269	3,861	2,040	1,788	Connecticut.
-----	58	419	14,781	872	4,642	114	-----	-----	-----	Delaware.
-----	359	-----	114,292	6,004	19,755	1,324	526	1,542	523	Florida.
-----	1,503	2,340	48,027	5,438	14,657	-----	2,238	1,653	1,292	Georgia.
-----	314	-----	18,393	1,325	10,204	208	-----	-----	-----	Idaho.
-----	1,760	3,587	278,687	3,295	127,367	491	2,916	5,098	12,152	Illinois.
-----	984	6,288	113,382	28,247	18,209	2,633	2,190	23,122	8,645	Indiana.
-----	1,115	2,653	104,075	7,824	10,930	3,346	895	1,219	1,208	Iowa.
-----	312	3,869	58,802	3,640	11,398	638	1,261	329	288	Kansas.
-----	658	169	58,074	10,052	23,910	3,570	1,378	921	931	Kentucky.
-----	187	-----	64,962	188	25,643	-----	120	1,023	6,894	Louisiana.
-----	191	-----	21,348	456	1,522	227	277	183	-----	Maine.
-----	305	-----	94,989	-----	31,331	5,648	3,033	120	137	Maryland.
-----	193	969	170,485	3,326	50,119	505	10,392	4,246	2,730	Massachusetts.
77	812	2,527	161,640	8,975	37,688	2,748	5,568	1,436	1,865	Michigan.
-----	974	5,291	107,806	7,031	28,937	11	131	1,788	2,221	Minnesota.
-----	126	1,270	26,329	4,600	7,125	878	76	2,181	933	Mississippi.
-----	1,517	2,107	132,212	6,736	13,008	1,595	1,933	304	304	Missouri.
-----	191	338	15,823	37	4,737	53	66	77	-----	Montana.
17	286	2,651	23,428	1,601	536	612	575	810	-----	Nebraska.
-----	-----	-----	5,030	-----	1,724	-----	522	-----	1,395	Nevada.
-----	76	575	10,417	382	1,571	90	286	-----	-----	New Hampshire.
-----	273	566	181,121	14,138	70,407	2,608	12,373	12,867	19,606	New Jersey.
-----	-----	966	16,878	792	3,703	22	300	306	743	New Mexico.
-----	1,403	14,068	534,196	27,349	83,566	48,712	115,525	9,197	17,965	New York.
-----	2,329	6,719	58,346	7,311	47,208	949	640	1,285	1,363	North Carolina.
-----	353	-----	27,336	594	1,514	154	93	545	1,023	North Dakota.
-----	17	4,178	313,710	14,901	66,620	3,897	10,090	3,366	4,092	Ohio.
-----	1,862	1,065	50,117	2,186	8,439	205	97	232	187	Oklahoma.
-----	389	3,431	57,556	6,501	42,348	-----	846	-----	220	Oregon.
-----	1,751	1,928	489,219	12,860	366,285	2,708	37,783	4,089	8,699	Pennsylvania.
-----	60	-----	28,822	11,055	11,055	-----	504	-----	1,067	Rhode Island.
-----	201	1,631	45,267	3,433	15,621	1,303	-----	6,386	3,663	South Carolina.
-----	69	139	9,861	612	65	38	-----	1,544	-----	South Dakota.
-----	1,811	7,494	91,292	9,463	46,094	-----	96	1,650	3,440	Tennessee.
-----	1,014	170	220,535	13,800	68,940	2,525	1,172	11,628	11,283	Texas.
-----	394	14,060	34,023	14,380	19,889	487	411	1,654	1,544	Utah.
-----	75	-----	9,452	94	410	-----	-----	29	400	Vermont.
-----	1,105	1,268	97,545	2,785	42,260	897	1,050	1,008	2,404	Virginia.
-----	728	5,783	68,986	10,691	21,491	263	237	1,639	117	Washington.
-----	261	5,397	78,614	3,907	25,987	92	460	68	375	West Virginia.
-----	2,070	2,329	108,020	2,453	12,569	2,284	4,184	918	86	Wisconsin.
-----	50	-----	9,448	-----	1,820	-----	18	30	755	Wyoming.
-----	-----	-----	31,830	175	11,829	130	1,089	-----	3,109	District of Colum- bia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	HEALTH, SAFETY, & PHYSICAL EDUCATION—Continued				MUSIC			
	DRIVER EDUCATION		MILITARY DRILL		CHORUS		BAND	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	341	342	343	344	345	346	347	348
United States	157,928	48,543	1,757	65,944	51,903	642,135	21,223	486,877
Alabama.....	1,336	179	-----	1,066	602	6,122	153	7,157
Arizona.....	1,636	617	-----	551	-----	1,816	-----	2,941
Arkansas.....	663	311	-----	-----	40	4,248	-----	5,019
California.....	12,873	3,513	185	7,296	3,259	25,505	1,776	29,760
Colorado.....	1,239	155	-----	1,333	788	8,043	88	7,262
Connecticut.....	1,930	473	-----	-----	897	8,359	84	1,881
Delaware.....	109	622	-----	-----	177	1,908	102	627
Florida.....	2,950	525	-----	1,441	1,142	6,241	898	10,571
Georgia.....	703	436	177	5,935	721	4,141	369	3,830
Idaho.....	668	36	-----	325	93	4,967	-----	5,146
Illinois.....	9,139	1,661	-----	7,905	2,276	31,526	1,318	25,183
Indiana.....	6,994	1,203	-----	1,428	2,777	21,889	803	19,586
Iowa.....	3,804	1,026	-----	1,030	1,784	13,485	473	13,716
Kansas.....	1,835	181	-----	334	534	13,805	277	17,260
Kentucky.....	999	558	-----	679	410	6,905	360	6,224
Louisiana.....	457	907	-----	1,841	313	4,785	-----	6,955
Maine.....	607	326	-----	1,316	81	2,526	-----	1,907
Maryland.....	1,835	1,872	-----	-----	-----	5,769	225	1,866
Massachusetts.....	5,279	2,361	371	11,192	2,234	41,762	81	7,779
Michigan.....	6,078	1,340	299	2,854	1,305	25,488	787	23,749
Minnesota.....	3,684	1,504	-----	-----	1,165	18,576	326	11,112
Mississippi.....	1,655	343	-----	357	337	3,487	-----	5,669
Missouri.....	4,006	1,004	-----	2,021	1,528	26,601	1,036	16,633
Montana.....	1,092	434	-----	-----	-----	2,756	-----	3,837
Nebraska.....	2,497	299	438	514	1,187	9,360	296	7,328
Nevada.....	177	-----	-----	341	-----	241	102	1,069
New Hampshire.....	937	24	-----	-----	-----	1,652	-----	1,141
New Jersey.....	4,482	3,937	-----	254	1,117	15,269	481	7,436
New Mexico.....	930	69	-----	182	239	2,956	-----	2,653
New York.....	7,390	1,395	82	-----	5,932	48,494	3,701	26,446
North Carolina.....	1,749	1,173	-----	265	523	5,225	164	7,744
North Dakota.....	3,634	525	-----	-----	-----	4,020	-----	5,353
Ohio.....	8,656	872	-----	-----	3,978	60,618	1,790	36,208
Oklahoma.....	4,230	1,114	-----	425	167	12,209	113	12,369
Oregon.....	2,137	411	-----	-----	147	6,330	111	7,400
Pennsylvania.....	8,291	6,330	-----	-----	1,370	88,564	1,000	31,000
Rhode Island.....	310	232	-----	140	81	3,519	52	1,126
South Carolina.....	1,358	1,225	-----	-----	1,193	4,084	-----	3,847
South Dakota.....	616	122	-----	-----	497	3,812	-----	4,031
Tennessee.....	168	147	194	3,573	711	6,340	475	6,556
Texas.....	13,763	1,925	-----	5,761	2,211	26,144	261	35,805
Utah.....	2,815	420	-----	823	3,081	10,057	270	6,959
Vermont.....	445	211	-----	-----	-----	1,533	-----	1,002
Virginia.....	2,183	950	-----	1,295	1,660	6,227	183	5,002
Washington.....	5,945	930	-----	303	1,289	10,134	1,576	8,886
West Virginia.....	2,887	1,271	-----	-----	1,308	5,067	518	10,389
Wisconsin.....	10,372	3,148	11	237	2,575	16,611	861	18,887
Wyoming.....	346	226	-----	750	-----	1,563	113	2,340
District of Columbia.....	39	-----	-----	2,177	174	1,396	-----	230

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

MUSIC—Continued										State
GLEE CLUB		MUSIC APPRECIATION		GENERAL OR PUBLIC SCHOOL MUSIC		ORCHESTRA		HARMONY		
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
349	350	351	352	353	354	355	356	357	358	20
38,443	463,576	66,783	272,768	34,609	206,981	10,727	121,407	8,216	30,289	United States.
1,222	10,493	194	5,583	399	811	-----	313	-----	1,169	Alabama.
-----	3,380	20	315	-----	10	24	567	10	36	Arizona.
1,120	7,041	60	1,662	-----	278	52	45	-----	282	Arkansas.
3,940	28,392	9,484	6,543	5,975	26,658	1,239	14,967	381	2,005	California.
240	7,273	528	199	-----	2,424	187	2,143	295	132	Colorado.
90	5,445	9	8,353	204	2,657	87	1,401	-----	251	Connecticut.
44	825	324	1,064	-----	1,557	-----	194	-----	24	Delaware.
1,235	10,058	1,226	2,147	2,397	2,083	126	723	850	261	Florida.
1,975	6,002	614	3,490	916	620	-----	236	-----	28	Georgia.
-----	3,931	15	633	-----	200	-----	1,065	45	13	Idaho.
939	18,258	684	9,655	28	7,496	35	5,787	163	1,500	Illinois.
1,566	14,030	1,603	2,738	743	2,881	344	4,380	221	1,512	Indiana.
865	14,465	82	2,176	-----	2,247	274	2,944	5	71	Iowa.
280	23,398	521	954	219	72	190	4,404	86	231	Kansas.
686	8,870	582	1,303	163	2,229	67	1,092	133	142	Kentucky.
-----	5,007	174	338	-----	491	-----	517	126	359	Louisiana.
81	4,531	-----	768	-----	-----	81	1,130	-----	6	Maine.
450	5,477	5,570	23,965	2,462	21,765	-----	1,055	-----	155	Maryland.
297	13,942	636	17,331	-----	3,967	35	4,539	120	974	Massachusetts.
2,240	21,170	3,459	3,267	1,539	6,320	250	5,006	275	885	Michigan.
619	7,566	1,542	2,769	1,208	5,487	173	1,978	47	553	Minnesota.
-----	4,700	120	624	-----	1,228	-----	82	20	288	Mississippi.
2,273	24,088	23	2,026	102	2,287	204	3,140	23	426	Missouri.
170	2,086	-----	363	-----	-----	-----	575	-----	50	Montana.
-----	8,857	152	1,124	10	1,579	162	1,228	-----	106	Nebraska.
87	980	-----	405	-----	-----	42	172	-----	18	Nevada.
36	2,468	-----	2,606	90	-----	-----	640	-----	1,141	New Hampshire.
781	10,584	3,124	10,895	3,054	7,311	417	4,905	140	1,055	New Jersey.
164	2,348	-----	468	-----	-----	-----	386	-----	147	New Mexico.
4,475	21,201	12,152	46,841	2,433	38,228	4,044	12,152	621	4,611	New York.
1,177	14,606	735	2,626	-----	-----	16	732	27	175	North Carolina.
58	6,856	73	289	-----	-----	-----	579	-----	37	North Dakota.
1,692	35,631	761	7,328	927	9,767	675	11,069	317	1,979	Ohio.
491	10,706	1,343	2,839	528	441	-----	1,418	188	692	Oklahoma.
169	5,956	913	160	2,633	551	34	1,264	112	107	Oregon.
835	19,994	4,208	66,947	4,375	42,668	511	12,240	2,332	5,193	Pennsylvania.
55	2,036	630	2,077	-----	265	24	739	663	79	Rhode Island.
57	5,517	1,256	1,447	-----	-----	45	174	-----	135	South Carolina.
453	5,210	5	1,120	-----	-----	-----	715	-----	9	South Dakota.
160	4,180	695	2,490	-----	328	30	567	153	694	Tennessee.
1,490	11,206	4,790	7,504	791	1,804	100	4,295	308	1,483	Texas.
883	6,095	540	741	490	96	53	1,995	346	42	Utah.
-----	2,509	-----	251	-----	-----	-----	349	-----	-----	Vermont.
362	6,134	2,390	1,829	156	359	56	616	-----	220	Virginia.
2,063	6,350	1,831	140	1,364	-----	689	2,258	75	71	Washington.
836	7,921	1,685	7,177	1,213	2,756	151	502	44	759	West Virginia.
1,160	11,563	1,047	2,736	190	1,347	218	3,268	75	111	Wisconsin.
80	3,785	-----	-----	-----	-----	15	342	-----	11	Wyoming.
547	455	983	4,462	-----	5,713	77	519	15	61	District of Columbia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	MUSIC—Continued				ART			
	INSTRUMENTAL MUSIC		THEORY AND PRACTICE		ART I		ART II	
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	359	360	361	362	363	364	365	366
United States	1, 177	14, 452	1, 462	11, 173	6, 387	26, 843	1, 576	11, 132
Alabama		119						
Arizona		18		36		81		63
Arkansas	40							
California	295	4, 414	190	876	527	7, 336	407	2, 363
Colorado	30	43	18			217		156
Connecticut		121		781	52	649		389
Delaware					68			
Florida					184	183		70
Georgia				86				
Idaho		39				98		60
Illinois	37	378	3	618	275	2, 346		524
Indiana	163	194	15	656	403	78		167
Iowa		115	20	66		80		
Kansas		38		408		121		20
Kentucky			14			234		83
Louisiana		368	5	144		52		14
Maine								
Maryland		852		15		915		906
Massachusetts		67		411		462		77
Michigan	70	341		522	190	664	287	80
Minnesota		121	22	100	179	946		336
Mississippi		304		21				
Missouri		6				884		198
Montana						106		40
Nebraska		151		135	142			
Nevada								
New Hampshire						53		54
New Jersey		607	19	933	185	1, 332		433
New Mexico				35		121		96
New York	340	2, 508	210	1, 108	3, 323	4, 972	805	1, 506
North Carolina								
North Dakota								
Ohio	62	189	423	495	350	847		308
Oklahoma		37	523	864	200	144		45
Oregon				18	121	358		208
Pennsylvania		2, 652		2, 271	21	2, 349		2, 232
Rhode Island						16		
South Carolina		22						
South Dakota						58		28
Tennessee		72						
Texas		84		107		76		32
Utah		20		32	104	125		92
Vermont								
Virginia		389		283				67
Washington	14	18				321		205
West Virginia		11		136	63	12	49	
Wisconsin	102	32				573	28	280
Wyoming		16		16		22		
District of Columbia	24	106				12		

NOTE.—For list of courses included under each subject-title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

ART—Continued										
ART III		ART IV		FREEHAND DRAWING		ART APPRECIATION		GENERAL ART		State
Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year	
367	368	369	370	371	372	373	374	375	376	20
616	3,524	1,387	2,579	85,072	297,879	96,183	273,758	57,878	195,859	United States.
	25		50	246	851	153	1,392		1,666	Alabama.
				32	302	305	1,753		610	Arizona.
		16		83	690	14	1,726	14	560	Arkansas.
196	609	95	87	8,521	16,835	14,695	3,811	7,151	24,455	California.
	21	22		1,097	1,537	2,713	2,290	2,423	3,052	Colorado.
	186		112	560	8,655	1,692	2,964	472	2,068	Connecticut.
				76	780	76	457	284	2,755	Delaware.
				2,840	1,779	1,764	1,228	1,235	1,749	Florida.
				597	1,924	1,383	995	472	723	Georgia.
	24			180	375	115	169		1,467	Idaho.
	767	22	576	761	15,845	656	12,732	916	4,004	Illinois.
	36	11	42	1,939	8,344	2,089	3,948	2,698	5,211	Indiana.
		71	20	1,420	2,881	1,838	5,309	405	3,827	Iowa.
		2	20	203	1,171	1,177	1,737	489	1,651	Kansas.
				641	2,944	681	1,654	375	1,450	Kentucky.
				77	732		264		410	Louisiana.
				65	1,459		166		241	Maine.
	121		114	4,687	3,666	1,333	7,829	892	19,700	Maryland.
	12	19	269	3,499	43,666	2,548	12,584	13	7,012	Massachusetts.
		118	43	4,259	9,425	3,639	4,727	4,924	8,023	Michigan.
			16	951	2,372	2,683	2,427	3,923	5,197	Minnesota.
				474	110		483		115	Mississippi.
	97		22	562	5,038	1,404	2,187	217	1,818	Missouri.
	22			315	471	315	706		123	Montana.
62		124	17	1,306	1,015	638	812	79	953	Nebraska.
				45	34	45	525		39	Nevada.
	8			159	2,098	89	1,963		439	New Hampshire.
	97		42	3,694	14,089	2,810	7,871	2,022	10,279	New Jersey.
	14				428	108	119		183	New Mexico.
292	779	792	237	19,532	35,345	20,557	60,066	9,402	19,043	New York.
			23	613	2,413	455	551		520	North Carolina.
				260	52	631	130	20	677	North Dakota.
	138		130	863	13,249	1,462	11,896	4,738	6,854	Ohio.
	47	45	10	89	1,701	582	2,314	2,355	1,278	Oklahoma.
	21	16	80	396	1,956	833	761	1,649	895	Oregon.
	322		301	10,393	55,564	6,633	87,066	2,331	30,864	Pennsylvania.
			57	1,195	4,380	1,082	1,485		955	Rhode Island.
					489		837		2,372	South Carolina.
				856	100		984			South Dakota.
				477	1,314	743	2,335		3,914	Tennessee.
	10		16	1,558	3,915	6,015	7,348	987	5,778	Texas.
			24	1,563	2,371	2,568	2,479	558	1,831	Utah.
					1,131		235		78	Vermont.
				708	1,066	564	1,354	41	1,443	Virginia.
13		34		4,287	1,275	4,333	1,402	3,923	1,274	Washington.
	50			1,319	4,230	1,747	2,492	1,159	3,382	West Virginia.
		55	240	1,503	4,476	2,244	1,865	1,711	2,267	Wisconsin.
					312		24		131	Wyoming.
3			31	171	13,024	771	3,306		2,523	District of Columbia.

Table 3.—Secondary school enrollment, by State, in

[All public second

State	ART—Continued					
	APPLIED ART		COMMERCIAL ART		SCHOOL SERVICE ART	
	Half year	Full year	Half year	Full year	Half year	Full year
1	377	378	379	380	381	382
United States	25, 936	88, 837	7, 683	30, 346	3, 538	2, 680
Alabama.....		469		298		
Arizona.....	41	311		146	13	36
Arkansas.....	43	185		185		
California.....	4, 320	9, 264	2, 267	3, 371	2, 126	667
Colorado.....	800	245	282	289		140
Connecticut.....	558	1, 391		707		15
Delaware.....	22			72		
Florida.....		635		125	74	
Georgia.....	663	181	38	33		
Idaho.....	82	281	80	107		
Illinois.....	25	2, 892	402	1, 837	118	57
Indiana.....	1, 233	2, 377	126	722	21	60
Iowa.....	473	1, 358	128	72		
Kansas.....	176	1, 536		247		
Kentucky.....	1, 890	213		135		
Louisiana.....		543		64		
Maine.....				208		
Maryland.....		467		63		
Massachusetts.....		2, 602	221	1, 339		141
Michigan.....	1, 656	1, 555	646	1, 391	149	20
Minnesota.....	435	1, 864	124	579		92
Mississippi.....		174	9	40		
Missouri.....	372	1, 773	29	1, 122		338
Montana.....		293	15	94		102
Nebraska.....	11	608	85	88		65
Nevada.....	68	121		39		
New Hampshire.....		325		14		
New Jersey.....	488	1, 611	279	2, 199	17	45
New Mexico.....		104	54			
New York.....	5, 516	14, 944	1, 050	6, 730	632	312
North Carolina.....		1, 499	143	174		
North Dakota.....		272		102		
Ohio.....	2, 458	9, 714	245	1, 451	324	92
Oklahoma.....	450	1, 151	132	217		58
Oregon.....	267	1, 317	70	359		18
Pennsylvania.....	990	13, 027	370	2, 112		106
Rhode Island.....		911	158	26		20
South Carolina.....		165		13		
South Dakota.....	156	155				
Tennessee.....		1, 448		385		
Texas.....	1, 482	3, 238	101	1, 445		
Utah.....	49	627	244	522		122
Vermont.....		283				
Virginia.....	14	1, 047	148	166		
Washington.....	973	1, 254	161	235	42	130
West Virginia.....	121	1, 403		23		
Wisconsin.....	84	2, 764	76	287	22	44
Wyoming.....		135		72		
District of Columbia.....	20	105		441		

NOTE.—For list of courses included under each subject title, see the appendix.

subjects offered in 15 or more States, 1948-49—Continued

ary day schools]

OTHER INSTRUCTION OR COURSES					State
GROUP GUIDANCE		STUDENT SERVICE		INSTRUCTION TO SPECIAL GROUPS	
Half year	Full year	Half year	Full year	Full year	
353	354	355	356	357	20
6,747	85,217	3,051	5,724	2,286	United States.
			210		Alabama.
	58	9	1,031		Arizona.
1,512	1,793	2,768	3,080	764	Arkansas.
470	8,971	21			California.
	826				Colorado.
					Connecticut.
			45	33	Delaware.
				26	Florida.
					Georgia.
					Idaho.
		10			Illinois.
			14	61	Indiana.
	900			135	Iowa.
	136			15	Kansas.
1,308	1,956			11	Kentucky.
	271			23	Louisiana.
278					Maine.
	11,276			120	Maryland.
154	454	12	75	21	Massachusetts.
80	363		38	15	Michigan.
					Minnesota.
					Mississippi.
					Missouri.
		38	20		Montana.
					Nebraska.
					Nevada.
37	1,355			40	New Hampshire.
151	1,812		1,068	44	New Jersey.
					New Mexico.
853	11,801			583	New York.
	608				North Carolina.
					North Dakota.
128	692	36	30	26	Ohio.
180		55	20		Oklahoma.
		122			Oregon.
			10	250	Pennsylvania.
724	39,594			29	Rhode Island.
405	2,119				South Carolina.
					South Dakota.
				16	Tennessee.
			36		Texas.
			47		Utah.
					Vermont.
					Virginia.
				53	Washington.
467	232				West Virginia.
				21	Wisconsin.
		10			Wyoming.
					District of Columbia.

Table 4.—Enrollment in uncommon subjects¹ in public secondary day schools, by type of organization of school, and by State, 1948-49

Subject and State	TYPE OF SECONDARY SCHOOL						All public secondary day schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided		Half year	Full year
	Half year	Full year	Half year	Full year	Half year	Full year		
1	2	3	4	5	6	7	8	9
ENGLISH:								
ADVANCED COMPOSITION.....			2, 536	1, 392	211	405	2, 747	1, 797
California.....			1, 021	1, 098	63	405	1, 084	1, 503
Idaho.....			93				93	
Illinois.....			250				250	
Indiana.....			247		55		302	
Kansas.....			52				52	
Kentucky.....					35		35	
Michigan.....			264		27		291	
Missouri.....			338				338	
North Carolina.....				26				26
Ohio.....			19	50	31		50	50
Pennsylvania.....			237	102			237	102
Virginia.....				77				77
Wisconsin.....				39				39
District of Columbia.....			15				15	
AMERICAN LITERATURE.....								
			2, 453	361	174	73	2, 627	434
California.....			429		174		603	
Illinois.....			543	36			543	36
Indiana.....			411				411	
Iowa.....			17	36			17	36
Kansas.....			32				32	
Michigan.....				91				91
Missouri.....			430	74			430	74
Nebraska.....			90				90	
New York.....			183				183	
Ohio.....			318	73		73	318	146
Wyoming.....				51				51
ENGLISH LITERATURE.....								
			997	1, 405	90	222	1, 087	1, 627
California.....			120	574		114	120	688
Illinois.....				121				121
Indiana.....			128	24	37	108	165	132
Iowa.....				201				201
Kansas.....				50				50
Missouri.....			143	57			143	57
Nebraska.....			82				82	
New York.....			226	233			226	233
Ohio.....			298	93	53		351	93
Pennsylvania.....				19				19
Wyoming.....				33				33
CURRENT LITERATURE.....								
			185	234	62	57	247	291
California.....			26	26			26	26
Illinois.....			24	64			24	64
Michigan.....					25		25	
Missouri.....				73	37	57	37	130
Nebraska.....			106				106	
New Jersey.....				25				25
Ohio.....				31				31
Texas.....			29				29	
Wisconsin.....				15				15

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1	2	3	4	5	6	7	8	9
ENGLISH—Continued								
COLLEGE PREPARATORY ENGLISH.....			372	989	63	36	435	1,025
California.....			208	80			208	80
Illinois.....				97				97
Iowa.....				58				58
Kansas.....				468				468
Massachusetts.....				34				34
Michigan.....				102	49		49	102
New York.....			71	31			71	31
Pennsylvania.....						36		36
South Dakota.....			93				93	
Virginia.....					14		14	
Washington.....				119				119
GRAMMAR.....								
			1,349	696	517	64	1,866	760
Florida.....				58				58
Illinois.....			452	182			452	182
Indiana.....			109				109	
Iowa.....			126		60		186	
Michigan.....			102	89	126		228	89
Missouri.....				33	212		212	33
Montana.....				50				50
Nebraska.....			47				47	
New York.....			12		69		81	
Ohio.....			275	284			275	284
Oklahoma.....			58			64	58	64
Pennsylvania.....			38				38	
Virginia.....			25		50		75	
District of Columbia.....			105				105	
FOREIGN ADJUSTMENT ENGLISH.....								
	900	93	108	853	56		1,064	946
California.....	900	93			56		956	93
New York.....			108	815			108	815
Ohio.....				38				38
SOCIAL STUDIES:								
LATIN-AMERICAN HISTORY (Grade 7 or 8).....	311	1,987			122	270	433	2,257
Illinois.....		768						768
Indiana.....		340						340
Iowa.....		382						382
Michigan.....		235			82		82	235
Ohio.....						188		188
Pennsylvania.....		262						262
Tennessee.....					40		40	
Wisconsin.....	311				82		311	82
MODERN EUROPEAN HISTORY (Grade 7 or 8).....								
	995	2,411			427	1,612	1,422	4,023
Alabama.....					240	342	240	342
California.....		812						812
Florida.....						136		136
Illinois.....	409						409	
Indiana.....						230		230
Kansas.....	50						50	
Maryland.....						164		164
Michigan.....	298					130	298	130
New Jersey.....		649						649
Oklahoma.....		286						286
Pennsylvania.....		104				610		714
South Carolina.....	238				187		425	
Washington.....		560						560

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1	2	3	4	5	6	7	8	9
SOCIAL STUDIES—Continued								
INDUSTRIAL HISTORY AND GEOGRAPHY (Grade 7 or 8):								
Pennsylvania.....	277						277	
NEGRO HISTORY (Grades 9-12).....			1,130	1,259	823	495	1,953	1,754
Alabama.....				698	42	104	42	802
Arkansas.....					252	228	252	228
California.....				34		18		52
Florida.....					61		61	
Georgia.....			131				131	
Kentucky.....					149		149	
Maryland.....					96		96	
Mississippi.....			137	209			137	209
Missouri.....			164		85		249	
North Carolina.....				121				121
Oklahoma.....			290	140	57	12	347	152
Texas.....			265	31	55	64	320	95
Virginia.....			143	26	26	48	169	74
West Virginia.....						21		21
ENGLISH HISTORY (Grades 9-12).....	297		179	567			476	567
Alabama.....				132				132
Illinois.....			34	96			34	96
Kentucky.....			98				98	
Maine.....				9				9
Massachusetts.....				208				208
Oklahoma.....				18				18
Pennsylvania.....	297			80			297	80
Texas.....				24				24
Wisconsin.....			47				47	
HISTORY OF THE ORIENT (Grades 9-12).....		507	395				395	507
California.....			37				37	
Colorado.....			30				30	
Illinois.....			92				92	
Massachusetts.....			59				59	
Michigan.....		507						507
Missouri.....			34				34	
New Jersey.....			34				34	
Washington.....			19				19	
Wyoming.....			90				90	
INDUSTRIAL HISTORY AND GEOGRAPHY (Grades 9-12).....		278	228	841	144	188	372	1,307
Arkansas.....					61		61	
Illinois.....				173 ²				173
Louisiana.....						58		58
Massachusetts.....		65	29				29	65
New York.....			129			43	129	43
North Carolina.....			37				37	
Ohio.....		31						31
Oklahoma.....			33	103	83		116	103
Pennsylvania.....		182		565		87		834
ALL OTHER SOCIAL STUDIES.....			256			51	256	51
Missouri.....			225				225	
North Carolina.....						51		51
Ohio.....			31				31	

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SCIENCE:								
NATURE STUDY.....	1, 111	-----	140	123	-----	-----	1, 251	123
Florida.....	-----	-----	140	-----	-----	-----	140	-----
Pennsylvania.....	773	-----	-----	123	-----	-----	773	123
Texas.....	338	-----	-----	-----	-----	-----	338	-----
APPLIED CHEMISTRY.....	-----	-----	666	2, 969	55	192	721	3, 161
California.....	-----	-----	-----	248	-----	15	-----	263
Connecticut.....	-----	-----	-----	25	-----	35	-----	60
Florida.....	-----	-----	-----	-----	-----	36	-----	36
Massachusetts.....	-----	-----	37	-----	-----	-----	37	-----
Michigan.....	-----	-----	20	-----	-----	4	20	4
New Hampshire.....	-----	-----	-----	28	-----	-----	-----	28
New Jersey.....	-----	-----	86	305	-----	34	86	339
New York.....	-----	-----	177	2, 261	-----	38	177	2, 299
Ohio.....	-----	-----	119	29	55	-----	174	29
Pennsylvania.....	-----	-----	-----	73	-----	30	-----	103
Wisconsin.....	-----	-----	198	-----	-----	-----	198	-----
District of Columbia.....	-----	-----	29	-----	-----	-----	29	-----
APPLIED PHYSICS.....	-----	-----	853	3, 319	77	150	930	3, 469
Arizona.....	-----	-----	-----	119	-----	-----	-----	119
California.....	-----	-----	-----	579	-----	45	-----	624
Connecticut.....	-----	-----	-----	31	-----	-----	-----	31
Delaware.....	-----	-----	-----	-----	-----	42	-----	42
Illinois.....	-----	-----	-----	28	-----	-----	-----	28
Massachusetts.....	-----	-----	37	177	-----	-----	37	177
Michigan.....	-----	-----	69	-----	-----	-----	69	-----
New Jersey.....	-----	-----	81	326	-----	-----	81	326
New York.....	-----	-----	382	1, 531	-----	-----	382	1, 531
Ohio.....	-----	-----	52	-----	77	18	129	18
Pennsylvania.....	-----	-----	37	258	-----	45	37	303
Rhode Island.....	-----	-----	-----	48	-----	-----	-----	48
Wisconsin.....	-----	-----	168	222	-----	-----	168	222
District of Columbia.....	-----	-----	27	-----	-----	-----	27	-----
FUNDAMENTALS OF MACHINES.....	-----	-----	963	523	47	-----	1, 010	523
California.....	-----	-----	231	129	-----	-----	231	129
Connecticut.....	-----	-----	30	-----	-----	-----	30	-----
Indiana.....	-----	-----	22	-----	-----	-----	22	-----
Massachusetts.....	-----	-----	-----	58	-----	-----	-----	58
Michigan.....	-----	-----	146	-----	-----	-----	146	-----
New Jersey.....	-----	-----	212	-----	-----	-----	212	-----
New York.....	-----	-----	182	110	30	-----	212	110
Pennsylvania.....	-----	-----	83	226	17	-----	100	226
West Virginia.....	-----	-----	11	-----	-----	-----	11	-----
Wisconsin.....	-----	-----	30	-----	-----	-----	30	-----
District of Columbia.....	-----	-----	16	-----	-----	-----	16	-----
ADVANCED PHYSICS.....	-----	-----	456	586	-----	-----	456	586
Massachusetts.....	-----	-----	-----	204	-----	-----	-----	204
Michigan.....	-----	-----	-----	40	-----	-----	-----	40
New Jersey.....	-----	-----	-----	20	-----	-----	-----	20
New York.....	-----	-----	456	-----	-----	-----	456	-----
Pennsylvania.....	-----	-----	-----	286	-----	-----	-----	286
Virginia.....	-----	-----	-----	36	-----	-----	-----	36

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1	2	3	4	5	6	7	8	9
SCIENCE—Continued								
APPLIED BIOLOGY INCLUDING SOCIAL BIOLOGY.....			749	1,624	63	162	812	1,786
California.....			30				30	
Florida.....			300				300	
Georgia.....				279				279
Illinois.....				275				275
Missouri.....				767				767
New Jersey.....				303				303
New York.....						22		22
Utah.....			386		63	140	449	140
Washington.....			33				33	
LABORATORY TECHNIQUES			685	554			685	554
California.....			6				6	
New York.....			679	554			679	554
METALLURGY			430	321			430	321
Massachusetts.....				63				63
Michigan.....			18	109			18	109
New Jersey.....				94				94
New York.....			316				316	
Ohio.....			96	55			96	55
OTHER SCIENCE: Indiana				129				129
MATHEMATICS:								
ANALYTICS.....			278	168	22		300	168
Colorado.....			62				62	
Indiana.....			31				31	
Maryland.....			14	74			14	74
Massachusetts.....			91				91	
New Jersey.....				25	22		22	25
Ohio.....			45				45	
Pennsylvania.....				10				10
Washington.....			25	59			25	59
District of Columbia.....			10				10	
CALCULUS			115	66	4		119	66
Maryland.....			14	66			14	66
New York.....			81		4		85	
Ohio.....			20				20	
FOREIGN LANGUAGES:								
CONVERSATIONAL SPANISH.....	54		26	323		6	80	329
California.....	54			260		6	54	266
Idaho.....				22				22
New York.....				9				9
Pennsylvania.....				32				32
Washington.....			26				26	

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1	2	3	4	5	6	7	8	9
FOREIGN LANGUAGES—Con.								
FRENCH (Grade 7 or 8).....	1, 265	9, 481	-----	-----	108	511	1, 373	9, 992
California.....	148	78	-----	-----	-----	16	148	94
Maine.....	-----	205	-----	-----	44	-----	44	205
Massachusetts.....	-----	4, 583	-----	-----	-----	-----	-----	4, 583
New Hampshire.....	-----	137	-----	-----	-----	-----	-----	137
New Jersey.....	177	155	-----	-----	-----	110	177	265
New York.....	200	2, 253	-----	-----	64	301	264	2, 554
Ohio.....	154	688	-----	-----	-----	78	154	766
Oklahoma.....	-----	-----	-----	-----	-----	6	-----	6
Pennsylvania.....	104	117	-----	-----	-----	-----	104	117
Rhode Island.....	92	236	-----	-----	-----	-----	92	236
Virginia.....	5	-----	-----	-----	-----	-----	5	-----
District of Columbia.....	385	1, 029	-----	-----	-----	-----	385	1, 029
CONVERSATIONAL FRENCH.....	-----	-----	25	67	-----	-----	25	67
Massachusetts.....	-----	-----	-----	30	-----	-----	-----	30
New York.....	-----	-----	25	-----	-----	-----	25	-----
Pennsylvania.....	-----	-----	-----	37	-----	-----	-----	37
GERMAN (Grade 7 or 8).....	171	96	-----	-----	-----	64	171	160
New Jersey.....	127	-----	-----	-----	-----	64	127	64
New York.....	-----	96	-----	-----	-----	-----	-----	96
Ohio.....	44	-----	-----	-----	-----	-----	44	-----
GERMAN IV.....	-----	-----	31	339	-----	18	31	357
California.....	-----	-----	-----	19	-----	-----	-----	19
Illinois.....	-----	-----	-----	27	-----	-----	-----	27
Maine.....	-----	-----	-----	7	-----	-----	-----	7
Massachusetts.....	-----	-----	-----	10	-----	-----	-----	10
New Jersey.....	-----	-----	-----	36	-----	-----	-----	36
New York.....	-----	-----	18	85	-----	4	18	89
Ohio.....	-----	-----	-----	28	-----	13	-----	41
Pennsylvania.....	-----	-----	-----	102	-----	1	-----	103
Rhode Island.....	-----	-----	-----	6	-----	-----	-----	6
Washington.....	-----	-----	13	-----	-----	-----	13	-----
Wisconsin.....	-----	-----	-----	19	-----	-----	-----	19
ITALIAN.....	102	2, 720	15	13, 297	-----	131	117	16, 148
California.....	-----	-----	-----	119	-----	-----	-----	119
Connecticut.....	-----	-----	-----	1, 106	-----	-----	-----	1, 106
Illinois.....	-----	-----	-----	955	-----	-----	-----	955
Massachusetts.....	-----	270	-----	1, 161	-----	-----	-----	1, 431
Missouri.....	-----	-----	-----	32	-----	-----	-----	32
New Jersey.....	-----	72	15	2, 525	-----	-----	15	2, 597
New York.....	102	1, 786	-----	6, 223	-----	120	102	8, 129
Pennsylvania.....	-----	395	-----	645	-----	-----	-----	1, 040
Rhode Island.....	-----	197	-----	531	-----	11	-----	739
HEBREW: New York.....	141	315	-----	2, 814	-----	-----	141	3, 129
GREEK I.....	-----	-----	-----	227	-----	-----	-----	227
Illinois.....	-----	-----	-----	143	-----	-----	-----	143
Indiana.....	-----	-----	-----	14	-----	-----	-----	14
Massachusetts.....	-----	-----	-----	35	-----	-----	-----	35
Pennsylvania.....	-----	-----	-----	35	-----	-----	-----	35

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1	2	3	4	5	6	7	8	9
FOREIGN LANGUAGES—Con.								
GREEK II.....			31	152		40	31	192
Illinois.....				132				132
Indiana.....			31				31	
Massachusetts.....				20		40		60
GREEK III.....			8	12		67	8	79
Indiana.....			8				8	
Massachusetts.....						67		67
Rhode Island.....				12				12
GREEK IV: Massachusetts.....						6		6
POLISH.....			33	1,023			33	1,023
Illinois.....			33	610			33	610
Massachusetts.....				115				115
New Jersey.....				66				66
Ohio.....				55				55
Wisconsin.....				177				177
PORTUGUESE.....		13		307				320
California.....		13		40				53
Massachusetts.....				256				256
Rhode Island.....				11				11
SWEDISH.....				310				310
Illinois.....				48				48
Massachusetts.....				55				55
Minnesota.....				180				180
New York.....				27				27
NORSE.....				172				172
Minnesota.....				146				146
Washington.....				26				26
BOHEMIAN: Illinois.....				54				54
RUSSIAN: Washington.....				14				14
INDUSTRIAL ARTS—NONVOLUNTARY:								
INDUSTRIAL ARTS III.....			564	1,408		272	564	1,680
Connecticut.....				32				32
Illinois.....				56				56
Iowa.....				40				40
Kansas.....				12				12
Maine.....				42				42
Massachusetts.....				22				22
Michigan.....						45		45
Minnesota.....						164		164
Nebraska.....						37		37
Ohio.....				100				100
Oregon.....				13				13
Pennsylvania.....			564	1,044		10	564	1,054
South Carolina.....						16		16
Wisconsin.....				47				47

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1	2	3	4	5	6	7	8	9
INDUSTRIAL ARTS—NON-CATIONAL—Continued								
INDUSTRIAL ARTS IV.....			428	636		67	428	703
Massachusetts.....				30				30
Minnesota.....						61		61
Pennsylvania.....			428	578		6	428	584
Wisconsin.....				28				28
INDUSTRIAL ARTS (Year unspecified).....			324	532		281	324	813
Illinois.....			243	414		93	243	507
Indiana.....				38				38
Ohio.....				25				25
Pennsylvania.....			81	55		188	81	243
PLASTICS.....	69	760	261	792	86	165	416	1,717
California.....		148		333				481
Connecticut.....		462						462
Idaho.....			60				60	
Illinois.....				20				20
Maryland.....				34				34
Michigan.....		120						120
Minnesota.....	36			53			36	53
Missouri.....	33						33	
New Jersey.....			122	231	32	49	154	280
New York.....			41				41	
Ohio.....						116		116
Pennsylvania.....				99	54		54	99
Tennessee.....		30						30
Washington.....			38	22			38	22
INDUSTRIAL ARTS AVIATION.....	508	356	476	1,057		288	984	1,701
California.....	310	124	140	456		35	450	615
Florida.....		232		76				308
Illinois.....	30		66	203			96	203
Indiana.....				5		128		133
Michigan.....	24		15				39	
New York.....	144		255	239		125	399	364
Pennsylvania.....				36				36
Tennessee.....				13				13
Washington.....				29				29
TEXTILES.....	168	264	36	485		57	204	806
Alabama.....						29		29
Massachusetts.....		152		25				177
New Mexico.....				21				21
New York.....	168	112		439			168	551
North Carolina.....						28		28
Washington.....			36				36	
TRANSPORTATION LABORATORY.....			196	115		26	196	141
New Jersey.....				115				115
New York.....			196			26	196	26

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1	2	3	4	5	6	7	8	9
INDUSTRIAL ARTS—NONVO- CATIONAL—Continued								
OTHER INDUSTRIAL ARTS EDUCA- TION.....	344	573	141	1, 100	128	174	613	1, 847
California.....	301		55				356	
Florida.....						160		160
Kentucky.....					91		91	
Massachusetts.....				451				451
Minnesota.....				29				29
New York.....		573	86	142		14	86	729
Ohio.....					37		37	
Oregon.....				218				218
Texas.....	43						43	
District of Columbia.....				260				260
TRADE AND INDUSTRIAL EDUCATION—VOCA- TIONAL:								
FOUNDRY AND FORGING.....			3, 250	752			3, 250	752
California.....				17				17
Florida.....				49				49
Illinois.....			462	36			462	36
Indiana.....			67	95			67	95
Kentucky.....				13				13
Maryland.....			642				642	
Michigan.....				176				176
Minnesota.....			43				43	
New Jersey.....			15				15	
New York.....			1, 961				1, 961	
Ohio.....				42				42
Oregon.....				280				280
Pennsylvania.....				44				44
Wisconsin.....			60				60	
SHOE REPAIR.....				723		118		841
Alabama.....				44		3		47
Illinois.....				121				121
Indiana.....				148				148
Louisiana.....				52				52
Michigan.....						24		24
Minnesota.....				19				19
Mississippi.....				79				79
Missouri.....				42		75		117
Nebraska.....				18				18
New York.....				89				89
North Carolina.....				29				29
Oklahoma.....						16		16
Oregon.....				22				22
Tennessee.....				60				60

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	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	2	3	4	5	6	7	8	9
TRADE AND INDUSTRIAL EDUCATION—VOCATIONAL—Continued								
PAINTING AND DECORATING.....			121	492		156	121	648
California.....				15				15
Florida.....				40				40
Illinois.....			121				121	
Indiana.....				25				25
Iowa.....				48				48
Louisiana.....				11				11
Michigan.....				34		15		49
New Jersey.....				90				90
New York.....				115				115
Pennsylvania.....				41				41
Rhode Island.....				34				34
South Carolina.....						66		66
Texas.....						75		75
Washington.....				39				39
TAILORING.....			72	5,177		319	72	5,496
California.....				169				169
Florida.....				30				30
Illinois.....			22	453			22	453
Indiana.....				165				165
Iowa.....				9				9
Kentucky.....				177				177
Michigan.....				70				70
Minnesota.....				29				29
Missouri.....				188		167		355
New York.....			50	3,529		22	50	3,551
Ohio.....				358		5		363
South Carolina.....						49		49
Texas.....						76		76
PHOTOGRAPHY.....				1,043		134		1,177
California.....				248				248
Florida.....				45				45
Illinois.....				12				12
Kansas.....				13				13
Mississippi.....				19				19
New Jersey.....				46				46
New York.....				546		11		557
Ohio.....				63				63
Oregon.....				32				32
Texas.....						123		123
Washington.....				19				19
PATTERN MAKING.....			317	1,270	91		408	1,270
Illinois.....			190	109			190	109
Indiana.....				37				37
Maine.....				39				39
Michigan.....				176				176
Minnesota.....			55	31			55	31
New Hampshire.....			10				10	
New York.....				359				359
Ohio.....			62	126	91		153	126
Oregon.....				80				80
Pennsylvania.....				299				299
West Virginia.....				14				14

NOTE.—For list of courses included under each subject-title, see the appendix.

¹ Subjects offered in fewer than 15 States.

Table 4.—Enrollment in uncommon subjects¹ in public secondary day schools, by type of organization of school, and by State, 1948-49—Con.

Subject and State	TYPE OF SECONDARY SCHOOL						All public secondary day schools	
	Junior		Regular (4-year and senior		Junior-senior and undivided			
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	2	3	4	5	6	7	8	9
TRADE AND INDUSTRIAL EDUCATION—VOCATIONAL—Continued								
MASONRY.....				497		259		756
Louisiana.....				69				69
Mississippi.....				38				38
Missouri.....						54		54
New Jersey.....				32				32
New York.....				73				73
North Carolina.....				123		69		192
Pennsylvania.....				67				67
South Carolina.....						107		107
Tennessee.....				40				40
Virginia.....				55		29		84
REFRIGERATION AND AIR CONDI- TIONING.....				526		14		540
Delaware.....				15				15
Florida.....				89				89
Iowa.....				11				11
Louisiana.....				4		14		18
Michigan.....				46				46
New Jersey.....				37				37
New York.....				190				190
Tennessee.....				56				56
Texas.....				78				78
PLUMBING.....				830		18		848
Delaware.....				23				23
Indiana.....				75				75
Kentucky.....				24				24
Maine.....						18		18
New Jersey.....				42				42
New York.....				425				425
Oregon.....				84				84
Pennsylvania.....				113				113
Virginia.....				44				44
TEXTILES.....			55	988		37	55	1,025
Georgia.....				72				72
Illinois.....				66				66
Minnesota.....				67				67
New Jersey.....				79				79
New York.....				82				82
Pennsylvania.....			10	194			10	194
South Carolina.....				428		37		465
Wisconsin.....			45				45	
CHEF'S TRADE AND BAKING.....				423		193		616
Florida.....				22				22
Kansas.....				5				5
Michigan.....						101		101
Missouri.....				20		35		55
New Hampshire.....				7		6		13
New York.....				369				369
Tennessee.....						50		50
Virginia.....						1		1

NOTE.—For list of courses included under each subject-title, see the appendix.

¹ Subjects offered in fewer than 15 States.

Table 4.—Enrollment in uncommon subjects¹ in public secondary day schools, by type of organization of school, and by State, 1948-49—Con.

Subject and State	TYPE OF SECONDARY SCHOOL						All public secondary day schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full year
1	2	3	4	5	6	7	8	9
TRADE AND INDUSTRIAL EDUCATION—VOCATIONAL—Continued								
POWER SERVING MACHINE OPERATING.....			24	1, 114		154	24	1, 268
California.....				211		154		365
Missouri.....				29				29
New York.....				837				837
Ohio.....				37				37
Wisconsin.....			24				24	
BARBERING.....				280		88		36
Indiana.....				50				50
Minnesota.....				10				10
Oklahoma.....						54		54
Virginia.....				220				220
West Virginia.....						34		34
UPHOLSTERY.....				110		69		179
California.....						69		69
Michigan.....				13				13
Minnesota.....				40				40
New York.....				57				57
PLASTICS.....			32	188			32	188
Illinois.....				65				65
Massachusetts.....				33				33
Missouri.....			32				32	
Texas.....				90				90
WATCH AND JEWELRY REPAIR.....				431				431
Florida.....				11				11
Minnesota.....				32				32
New York.....				388				388
SIGN PAINTING.....			60	291			60	291
Florida.....				107				107
Kentucky.....				62				62
New York.....			60	122			60	122
SURVEYING.....			434	82			434	82
Maryland.....			434				434	
New York.....				82				82
COMMERCIAL FISHERIES.....				92				92
Maine.....				64				64
Washington.....				28				28
MILLINERY.....			121	202			121	202
Illinois.....			121	56			121	56
New York.....				146				146

NOTE.—For list of courses included under each subject-title, see the appendix.

¹ Subjects offered in fewer than 15 States.

Table 4.—Enrollment in uncommon subjects¹ in public secondary day schools, by type of organization of school, and by State, 1948-49—Con.

Subject and State	TYPE OF SECONDARY SCHOOL						All public secondary day schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full ryea
1	2	3	4	5	6	7	8	9
TRADE AND INDUSTRIAL EDUCATION—VOCATIONAL—Continued								
OTHER TRADE AND INDUSTRIAL EDUCATION.....			568	2, 293	4	105	572	2, 398
Illinois.....			108				108	
Indiana.....				55				55
Iowa.....			80				80	
Massachusetts.....				59		6		65
Mississippi.....				68				68
New York.....			370	1, 954		21	370	1, 975
Ohio.....					4		4	
Oregon.....			10	87			10	87
Texas.....				35		58		93
Washington.....				35				35
West Virginia.....						20		20
BUSINESS EDUCATION:								
BOOKKEEPING IV: Massachusetts.....				244				244
TYPING IV.....				616		131		747
Indiana.....				46				46
Maryland.....				437		131		568
Michigan.....				17				17
Pennsylvania.....				99				99
Wisconsin.....				17				17
SHORTHAND III.....			466	1, 554	27	390	493	1, 944
California.....				102	27	18	27	120
Georgia.....						4		4
Illinois.....				116				116
Indiana.....			29				29	
Massachusetts.....			111	440		43	111	483
Michigan.....				17				17
Nebraska.....				18				18
New Jersey.....				119				119
New York.....			326	408			326	408
Ohio.....				38		107		145
Pennsylvania.....				250		218		468
Washington.....				17				17
District of Columbia.....				29				29
SHORTHAND IV.....				52		15		67
Georgia.....						15		15
Illinois.....				35				35
New York.....				17				17
OTHER BUSINESS EDUCATION.....			356				356	
Indiana.....			36				36	
New York.....			320				320	
OTHER INSTRUCTION OR COURSES:								
TEACHER TRAINING.....			9	1, 127		70	9	1, 197
Missouri.....				93		10		103
Nebraska.....				1, 016		60		1, 076
Washington.....			9	12			9	12
Wyoming.....				6				6

NOTE.—For list of courses included under each subject-title, see the appendix.

¹ Subjects offered in fewer than 15 States.

Table 4.—Enrollment in uncommon subjects ¹ in public secondary day schools, by type of organization of school, and by State, 1948-49—Con.

Subject and State	TYPE OF SECONDARY SCHOOL						All public secondary day schools	
	Junior		Regular (4-year) and senior		Junior-senior and undivided			
	Half year	Full year	Half year	Full year	Half year	Full year	Half year	Full ryea
1	2	3	4	5	6	7	8	9
BUSINESS EDUCATION—Con. AUDITORIUM.....	453	3,320	-----	1,971	293	-----	746	5,291
Alabama.....	-----	-----	-----	37	-----	-----	-----	37
Illinois.....	453	-----	-----	-----	-----	-----	453	-----
Indiana.....	-----	-----	-----	1,892	-----	-----	-----	1,892
Iowa.....	-----	900	-----	-----	-----	-----	-----	900
Michigan.....	-----	1,565	-----	-----	-----	-----	-----	1,565
New Hampshire.....	-----	855	-----	-----	-----	-----	-----	855
Oklahoma.....	-----	-----	-----	-----	293	-----	293	-----
Washington.....	-----	-----	-----	42	-----	-----	-----	42
CORRESPONDENCE COURSES.....	-----	-----	29	655	21	50	50	705
Michigan.....	-----	-----	-----	251	-----	-----	-----	251
Nebraska.....	-----	-----	-----	159	-----	-----	-----	159
New Hampshire.....	-----	-----	-----	3	-----	-----	-----	3
New Jersey.....	-----	-----	-----	71	-----	-----	-----	71
New York.....	-----	-----	-----	-----	21	-----	21	-----
North Dakota.....	-----	-----	29	100	-----	-----	29	100
Pennsylvania.....	-----	-----	-----	-----	-----	50	-----	50
South Dakota.....	-----	-----	-----	19	-----	-----	-----	19
Wisconsin.....	-----	-----	-----	52	-----	-----	-----	52

NOTE.—For list of courses included under each subject-title, see the appendix.

¹ Subjects offered in fewer than 15 States.

Table 5.—Percentage of pupils, by State, taking subjects taught in last 4 1948—

[NOTE.—In computing percentages, the enrollments in all levels of a subject (elementary, applied, or advanced) the enrollment in elementary algebra, intermediate algebra, and advanced or college algebra; the enrollment of machines, radio including electronics, and advanced physics; etc.]

State	Total enrollment (Grades 9-12)	English	Debate	Radio speaking and broadcasting	Journalism	Creative writing and advanced composition	Literature	U. S. history, advanced	Latin-American history
1	2	3	4	5	6	7	8	9	10
United States	5,399,452	92.9	0.3	0.1	1.9	0.2	0.2	22.8	0.5
Alabama	108,141	95.4	.4	-----	.6	-----	-----	18.9	-----
Arizona	25,221	84.0	.1	-----	3.7	0.2	1.3	20.7	.9
Arkansas	70,787	95.7	.2	-----	3.3	-----	-----	21.4	.1
California	376,717	82.5	.1	.2	3.4	.8	1.2	23.3	4.7
Colorado	49,485	84.6	.3	-----	3.5	(¹)	-----	23.2	-----
Connecticut	64,023	99.2	-----	.2	.5	.1	.1	28.3	.2
Delaware	10,399	91.9	-----	-----	2.3	-----	-----	21.3	-----
Florida	85,240	95.2	.2	-----	1.8	.1	-----	22.0	.3
Georgia	118,180	98.1	.1	.2	1.0	-----	.1	21.5	-----
Idaho	29,373	91.8	.3	.2	4.1	.5	.4	24.0	.3
Illinois	298,927	87.9	.1	.1	1.6	.2	.3	21.6	.4
Indiana	157,364	87.5	.2	.1	2.2	.2	.5	23.1	.1
Iowa	108,215	90.2	.2	.1	2.3	.1	.2	24.2	.1
Kansas	85,236	80.7	.9	.1	3.3	.1	.2	23.6	-----
Kentucky	86,441	96.8	.2	-----	1.2	.1	.1	20.2	.3
Louisiana	65,936	95.4	.2	-----	.4	-----	-----	16.1	-----
Maine	35,701	99.3	.1	-----	.1	-----	-----	24.4	.4
Maryland	59,687	97.9	(¹)	-----	2.3	.1	-----	19.7	-----
Massachusetts	155,684	98.4	.6	(¹)	.5	(¹)	(¹)	23.7	.3
Michigan	221,247	90.3	.5	.2	2.4	.1	.1	22.2	.1
Minnesota	122,475	98.2	.1	.1	1.6	(¹)	-----	23.5	-----
Mississippi	67,519	98.5	.3	-----	.6	-----	-----	22.6	-----
Missouri	145,119	90.0	.3	.2	2.0	.3	.8	21.9	(¹)
Montana	25,244	88.3	.9	.2	6.7	.1	-----	22.6	.2
Nebraska	61,113	87.8	.4	.1	3.1	.2	.5	23.3	-----
Nevada	5,755	90.7	.3	-----	3.2	-----	-----	20.6	-----
New Hampshire	19,392	99.2	-----	-----	.1	-----	-----	22.6	.1
New Jersey	167,272	98.4	(¹)	.1	1.0	.2	(¹)	37.4	.4
New Mexico	21,605	92.9	-----	-----	2.3	.2	-----	19.3	-----
New York	520,747	94.1	.1	.2	1.2	.2	.2	22.2	(¹)
North Carolina	150,834	97.9	.6	(¹)	.8	(¹)	-----	20.4	(¹)
North Dakota	28,940	97.6	.4	-----	4.3	-----	-----	24.5	-----
Ohio	286,095	89.8	.3	.2	2.6	.2	.4	23.3	.3
Oklahoma	109,866	95.7	.5	-----	2.1	(¹)	-----	21.3	.4
Oregon	60,039	92.6	.2	.1	3.8	.1	.1	23.0	-----
Pennsylvania	402,064	97.7	.2	(¹)	.7	.1	(¹)	24.6	.2
Rhode Island	22,395	98.7	-----	-----	1.4	-----	-----	22.6	.2
South Carolina	70,467	98.4	.2	-----	1.0	-----	-----	21.5	.1
South Dakota	28,918	95.3	.8	-----	7.5	.2	-----	23.9	.7
Tennessee	106,449	98.8	.1	-----	.2	-----	-----	18.4	(¹)
Texas	263,118	92.5	.3	.1	2.1	(¹)	(¹)	21.4	.1
Utah	37,395	88.3	1.7	.3	2.2	-----	-----	20.4	1.0
Vermont	12,079	98.8	-----	-----	1.3	-----	-----	25.7	-----
Virginia	110,582	97.2	.1	-----	1.0	.1	-----	21.6	(¹)
Washington	88,279	89.6	.5	.2	4.5	.4	(¹)	23.1	.7
West Virginia	85,343	95.1	.1	-----	3.3	-----	(¹)	20.8	.4
Wisconsin	135,219	90.9	.4	(¹)	1.1	.4	(¹)	23.4	.1
Wyoming	13,278	90.1	.5	-----	3.7	-----	.6	20.6	.6
District of Columbia	19,847	99.2	-----	-----	2.0	.1	-----	21.2	.8

See footnotes at end of table.

years of public secondary day schools ¹ and offered in 15 or more States; ²
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have been combined with the enrollment in the basic subject. Thus, the enrollment in "algebra" includes enrollment in "physics" includes the enrollment in applied physics, fundamentals of electricity, fundamentals

World history	State history	Ancient and/or medieval history	Modern European history	Geography	American government or advanced civics (Grades 10-12)	Problems of democracy	International relations	Economics	Sociology	Psychology	Consumer education ³	State
11	12	13	14	15	16	17	18	19	20	21	22	23
16.2	2.7	1.5	2.1	5.6	8.0	5.2	0.2	4.7	3.4	0.9	0.7	United States.
16.4	2.3	2.6	1.8	1.7	7.7	9.0	-----	7.7	1.6	.3	2.9	Alabama.
10.3	3.6	-----	.2	.4	15.3	5.0	.4	4.2	3.7	-----	.2	Arizona.
19.4	.6	.9	.6	4.3	9.1	3.3	-----	3.3	3.9	1.2	.3	Arkansas.
11.5	1.4	.9	1.2	10.2	10.9	7.5	.3	2.0	2.5	.7	.5	California.
13.1	4.4	.8	.8	2.5	6.3	2.5	.1	3.0	6.1	3.9	1.7	Colorado.
9.6	.3	6.0	4.4	2.8	4.1	8.8	-----	3.8	1.5	.2	1.0	Connecticut.
11.1	.4	1.1	4.3	6.8	5.2	7.7	-----	7.0	2.9	.1	1.4	Delaware.
19.9	1.2	.1	1.1	2.6	7.2	3.5	(4)	2.6	4.4	2.0	.6	Florida.
19.6	2.8	.8	1.0	5.4	11.1	3.1	-----	5.8	5.1	.7	(4)	Georgia.
17.5	.3	1.0	1.1	3.3	12.8	1.6	.1	7.1	8.0	1.6	.8	Idaho.
11.6	.1	1.4	3.5	3.8	9.1	1.6	.1	4.6	3.7	.8	.2	Illinois.
14.7	.2	.3	.2	3.3	17.5	2.8	.3	6.0	5.1	1.5	.5	Indiana.
21.2	.2	.9	.3	4.6	17.6	2.9	(4)	10.5	10.3	1.3	1.1	Iowa.
12.1	.2	.1	.4	3.8	21.6	2.1	1.8	2.8	6.3	4.2	.3	Kansas.
17.5	.1	4.0	2.1	4.3	9.4	2.2	.1	4.3	5.7	.7	.8	Kentucky.
11.4	.5	1.2	2.8	2.6	11.8	2.9	-----	2.7	1.2	-----	.2	Louisiana.
13.3	.4	1.0	.7	5.8	3.0	6.5	-----	3.6	3.0	.5	.4	Maine.
31.7	.2	.8	1.5	8.7	3.1	9.2	-----	1.5	.4	.5	1.0	Maryland.
9.0	(4)	6.9	4.4	4.9	3.3	8.1	(4)	3.5	1.1	.5	1.4	Massachusetts.
18.5	.4	1.1	1.3	4.2	15.9	1.5	.2	9.5	3.5	1.2	.6	Michigan.
19.5	.1	.3	2.0	1.6	5.5	12.8	(4)	2.2	2.9	.1	.2	Minnesota.
22.3	.6	.8	1.4	11.2	11.0	1.7	.8	5.7	5.8	.2	.4	Mississippi.
25.3	4.0	.5	.5	5.6	6.1	5.1	.4	2.0	3.8	1.5	.2	Missouri.
17.7	1.4	.3	.7	2.0	8.2	3.0	.5	7.7	8.4	1.4	.6	Montana.
21.0	.4	.3	.1	12.3	12.9	6.2	.2	4.9	5.9	1.5	1.2	Nebraska.
13.3	.4	1.6	-----	1.1	11.7	-----	.1	5.4	3.8	2.5	-----	Nevada.
11.4	.5	4.7	3.9	.9	1.2	7.8	-----	7.1	8.6	1.3	2.0	New Hampshire.
9.3	.1	4.7	3.5	2.0	1.1	7.3	.5	2.5	1.1	.9	1.5	New Jersey.
17.5	1.1	2.2	.5	1.2	8.2	2.1	.1	2.9	5.3	.7	.4	New Mexico.
19.5	.2	.9	5.8	14.2	1.2	4.6	-----	7.3	.2	.1	.1	New York.
10.7	.9	1.6	1.2	4.8	5.2	1.2	-----	8.0	8.2	.2	.2	North Carolina.
25.8	.5	.5	1.1	8.5	8.1	15.1	1.1	4.1	3.0	3.7	.7	North Dakota.
19.4	.4	.5	1.0	3.9	12.3	5.9	.1	4.3	4.9	1.5	1.1	Ohio.
12.3	17.4	.9	4.9	7.0	3.1	7.5	.1	1.9	1.6	1.2	.5	Oklahoma.
15.1	.1	.1	-----	10.5	11.2	2.5	(4)	12.9	9.6	.2	.1	Oregon.
19.7	15.8	1.2	2.3	1.8	2.3	14.0	(4)	2.8	1.7	.7	1.9	Pennsylvania.
6.3	1.5	8.6	7.8	7.1	6.6	2.4	-----	1.5	-----	.7	-----	Rhode Island.
17.9	(4)	1.3	.5	2.8	1.0	8.7	-----	4.0	.8	1.0	.4	South Carolina.
19.1	-----	.3	.3	7.0	18.2	1.4	1.2	13.7	13.5	1.6	.2	South Dakota.
7.7	(4)	3.9	2.7	5.3	3.0	1.7	(4)	5.9	3.4	(4)	(4)	Tennessee.
20.8	5.7	.7	.8	2.8	13.9	.3	-----	4.4	1.7	.1	(4)	Texas.
16.1	-----	-----	-----	9.2	4.8	10.4	-----	1.3	4.3	3.8	.1	Utah.
10.6	-----	.8	4.7	3.6	-----	3.8	-----	5.9	5.7	.4	.7	Vermont.
12.1	.5	2.9	1.5	4.2	15.1	1.4	.6	2.0	1.0	.4	.8	Virginia.
12.8	19.4	.2	.5	3.4	9.2	1.3	.4	3.1	4.3	2.3	.7	Washington.
14.7	.7	.3	.2	3.6	2.9	7.2	-----	3.1	5.1	.4	.4	West Virginia.
13.9	.3	1.3	2.1	7.3	4.3	4.4	-----	5.9	7.6	.6	.3	Wisconsin.
21.3	2.7	2.3	.7	1.6	3.3	3.0	.9	4.5	3.4	(4)	.8	Wyoming.
6.6	-----	12.0	4.5	9.2	.4	.4	.2	1.1	5.9	1.1	.2	District of Columbia.

Table 5.—Percentage of pupils, by State, taking subjects taught in the last 1948-49—

[See headnote on

State	General science	Biology	Botany	Physiology	Zoology	Earth science	Aeronautics	Physical science	Chemistry
1	24	25	26	27	28	29	30	31	32
United States.....	20.8	18.4	0.1	1.0	0.1	0.4	0.3	0.1	7.6
Alabama.....	25.7	20.7	-----	.1	-----	-----	.1	-----	7.4
Arizona.....	9.3	22.5	-----	-----	-----	.3	.3	-----	6.9
Arkansas.....	25.9	17.9	-----	.9	-----	-----	.1	-----	3.5
California.....	14.9	16.2	.4	3.3	.1	.1	.5	.7	6.8
Colorado.....	13.3	16.1	.1	1.0	.2	.4	.3	.2	10.4
Connecticut.....	20.2	18.2	-----	.7	-----	.4	.6	(4)	9.2
Delaware.....	16.4	19.5	-----	.2	-----	-----	.2	-----	9.2
Florida.....	18.6	22.9	-----	.1	-----	(4)	(4)	.3	8.7
Georgia.....	26.0	19.9	-----	.3	-----	-----	-----	-----	7.7
Idaho.....	18.9	20.6	-----	.8	.1	.3	.2	-----	9.4
Illinois.....	24.1	17.6	.2	1.3	.4	.4	.3	.1	6.8
Indiana.....	1.0	24.0	.7	1.0	.3	.3	.2	.5	6.0
Iowa.....	24.6	18.8	-----	1.2	.1	.1	.1	(4)	3.6
Kansas.....	16.4	18.3	.3	3.1	-----	.2	.4	-----	5.2
Kentucky.....	21.3	17.1	-----	2.4	-----	.2	.4	-----	4.6
Louisiana.....	27.6	20.3	-----	.1	-----	-----	.1	-----	5.9
Maine.....	17.3	18.3	-----	-----	-----	.2	.1	.2	8.6
Maryland.....	30.2	25.3	-----	-----	-----	.4	.4	-----	9.7
Massachusetts.....	21.2	15.7	-----	1.9	-----	.5	.5	(4)	10.8
Michigan.....	10.8	19.1	-----	.8	-----	.3	.2	.4	8.7
Minnesota.....	23.9	17.7	.3	.4	-----	(4)	.2	(4)	9.2
Mississippi.....	18.5	19.9	-----	.6	-----	-----	.1	-----	8.0
Missouri.....	21.9	15.3	.2	1.4	(4)	.8	.5	.4	4.0
Montana.....	15.0	16.5	-----	.2	-----	.7	.4	-----	8.1
Nebraska.....	18.3	18.2	-----	1.2	-----	-----	.2	.1	5.1
Nevada.....	19.4	13.4	-----	-----	-----	-----	.8	-----	8.4
New Hampshire.....	13.5	15.3	-----	.3	-----	.5	1.1	-----	9.6
New Jersey.....	22.1	18.0	(4)	2.5	.1	.3	.2	.1	9.2
New Mexico.....	17.4	22.9	-----	.7	-----	.3	.4	-----	5.9
New York.....	29.1	13.6	(4)	.2	.1	1.6	.3	-----	8.1
North Carolina.....	18.1	25.6	(4)	.1	-----	(4)	.1	-----	7.3
North Dakota.....	24.8	25.3	-----	1.4	-----	.5	.6	-----	9.1
Ohio.....	21.5	18.5	.4	1.1	.4	.2	.3	.1	7.6
Oklahoma.....	21.3	16.5	-----	1.0	(4)	1.1	.3	.2	3.5
Oregon.....	21.7	21.9	-----	.4	-----	-----	.1	.3	5.9
Pennsylvania.....	25.8	20.1	.1	.2	.1	.2	.2	(4)	10.4
Rhode Island.....	22.4	15.8	-----	-----	-----	(4)	.4	-----	9.8
South Carolina.....	25.2	20.6	-----	.6	-----	-----	-----	-----	9.9
South Dakota.....	23.1	19.2	-----	.4	-----	.1	.8	-----	7.8
Tennessee.....	23.3	17.8	.1	.1	-----	.5	.4	-----	8.2
Texas.....	17.6	15.8	.1	.9	(4)	.1	.2	-----	6.5
Utah.....	13.1	19.5	1.2	8.4	1.3	.6	.6	-----	6.6
Vermont.....	20.0	17.5	-----	.5	-----	.1	.8	-----	9.7
Virginia.....	26.9	19.1	-----	.1	-----	.3	(4)	-----	7.0
Washington.....	12.8	18.0	1.4	.5	.4	.1	.3	.1	6.7
West Virginia.....	16.8	26.4	.1	.7	-----	.1	.1	.1	7.2
Wisconsin.....	20.0	20.7	-----	(4)	-----	.5	.2	(4)	11.6
Wyoming.....	14.4	19.1	-----	-----	-----	.5	.4	-----	8.5
District of Columbia.....	11.7	18.2	-----	-----	-----	-----	.9	-----	7.3

See footnotes at end of table.

4 years of public secondary day schools¹ and offered in 15 or more States,²
Continued

first page of table]

Physics	Conservation	Related sciences	Algebra	General mathematics	Plane geometry	Solid geometry	Trigonometry	Spanish	Latin	French	German	State
33	34	35	36	37	38	39	40	41	42	43	44	23
5.4	0.1	0.1	26.8	13.1	11.1	1.7	2.0	8.2	7.8	4.7	0.8	United States.
5.9	.2	-----	26.1	14.5	9.1	1.1	.9	3.1	3.3	1.7	-----	Alabama.
4.5	-----	-----	21.0	14.7	10.5	2.2	1.3	24.9	4.6	.7	-----	Arizona.
1.4	.4	-----	35.6	9.0	14.9	.8	.8	2.0	2.8	.7	-----	Arkansas.
4.0	-----	.6	17.5	18.1	9.4	1.2	1.7	19.3	5.4	2.9	.6	California.
5.6	-----	(⁴)	24.7	11.9	13.4	1.9	1.8	15.2	8.1	1.9	.4	Colorado.
6.8	-----	.1	24.1	11.2	10.6	2.7	2.7	7.8	16.1	11.8	1.5	Connecticut.
6.0	-----	-----	27.8	5.7	12.8	4.2	2.2	8.2	17.2	8.6	.4	Delaware
4.2	-----	-----	27.9	18.0	8.0	1.5	1.7	12.8	7.7	1.2	-----	Florida.
3.8	.2	-----	40.4	20.1	10.1	.7	.5	4.8	4.7	4.0	-----	Georgia.
6.0	-----	-----	26.8	8.9	16.5	1.8	1.5	7.6	5.7	.7	.1	Idaho.
6.3	.1	.1	24.4	11.2	12.7	2.5	2.1	10.9	8.3	2.6	1.4	Illinois.
5.6	-----	.1	25.7	9.9	10.8	3.2	1.6	5.0	11.5	1.5	.3	Indiana.
8.4	-----	(⁴)	28.3	8.4	14.6	1.6	1.6	3.0	5.5	.7	.2	Iowa.
5.3	-----	.1	25.5	10.3	11.9	2.2	1.0	5.0	5.7	.5	.1	Kansas.
3.0	-----	-----	38.0	14.0	14.4	1.1	1.0	3.1	6.6	1.9	.1	Kentucky.
2.6	-----	-----	47.1	6.7	18.6	1.0	.9	6.6	3.1	5.3	-----	Louisiana.
5.9	-----	-----	23.8	17.8	8.3	1.6	2.1	2.2	11.7	16.8	.2	Maine.
7.1	(⁴)	-----	26.9	15.1	11.2	2.3	3.8	8.9	11.8	8.0	1.5	Maine.
7.8	(⁴)	.1	26.9	9.4	11.1	2.5	2.9	8.1	15.8	20.1	1.4	Massachusetts.
5.8	.2	.1	21.4	12.3	10.5	2.0	2.0	5.0	9.3	2.9	.4	Michigan.
6.6	.2	.1	23.3	8.0	9.7	1.6	1.5	2.9	3.7	.6	1.0	Minnesota.
3.2	-----	-----	40.0	13.7	18.4	1.2	1.0	2.4	4.7	1.3	-----	Mississippi.
3.2	.1	.4	20.6	20.2	8.2	1.0	1.6	4.5	3.8	1.1	.3	Missouri.
5.4	-----	-----	30.6	8.5	13.7	2.0	2.4	6.6	7.0	.6	-----	Montana.
6.4	.2	.1	25.2	12.9	13.3	.5	1.1	3.6	6.4	.9	.4	Nebraska.
4.0	-----	-----	30.4	12.3	16.0	2.2	2.7	23.3	5.1	3.0	.5	Nevada.
8.2	-----	-----	23.8	14.3	9.4	2.9	2.6	3.1	10.3	15.5	.7	New Hampshire.
7.6	-----	(⁴)	24.5	11.1	11.4	2.5	3.3	14.3	12.3	8.3	2.6	New Jersey.
3.7	.6	-----	28.1	13.5	12.7	1.6	2.2	29.8	3.5	.5	-----	New Mexico.
5.9	-----	.1	23.4	8.7	11.9	1.4	3.4	12.8	8.2	11.4	2.0	New York.
5.1	-----	-----	37.8	14.2	9.1	.4	.5	3.3	5.5	13.4	-----	North Carolina.
5.2	-----	1.9	26.0	8.9	8.8	.9	.9	1.4	3.9	.6	.1	North Dakota.
5.9	.1	.3	21.2	11.5	9.0	2.2	1.8	5.9	11.9	3.0	1.0	Ohio.
1.8	.4	.1	29.4	12.3	12.5	1.2	1.2	6.1	3.7	.4	(⁴)	Oklahoma.
4.1	-----	-----	22.0	19.9	6.0	.8	1.7	4.6	4.0	1.0	.3	Oregon.
8.5	(⁴)	.2	26.5	16.4	10.3	3.1	4.0	7.6	13.3	6.0	1.7	Pennsylvania.
8.8	-----	.7	30.4	12.3	10.8	2.0	1.9	8.3	16.7	17.1	2.3	Rhode Island.
3.6	-----	-----	39.8	15.3	11.8	1.0	2.3	3.0	6.6	8.4	-----	South Carolina.
6.5	-----	-----	31.6	4.7	13.4	2.6	1.7	3.4	5.0	.2	.5	South Dakota.
3.3	-----	-----	41.7	12.8	9.3	1.3	1.4	5.7	6.3	1.3	(⁴)	Tennessee.
3.1	-----	-----	36.7	14.3	13.9	1.6	1.6	11.5	2.7	.2	(⁴)	Texas.
3.7	-----	-----	28.1	11.9	8.2	.8	1.3	3.9	1.6	1.3	.5	Utah.
6.1	-----	-----	22.4	14.4	10.4	1.7	2.3	1.1	14.7	14.8	-----	Vermont.
2.2	-----	.1	23.0	24.4	8.3	1.2	1.0	4.1	8.3	5.4	-----	Virginia.
4.9	.1	.2	22.7	8.3	11.9	1.8	1.6	7.9	6.3	2.0	.8	Washington.
3.0	-----	-----	24.6	17.1	8.2	1.3	1.3	2.6	6.1	1.9	-----	West Virginia.
8.1	.3	-----	21.2	9.9	11.1	1.5	1.8	3.7	6.5	1.0	1.6	Wisconsin.
5.7	-----	-----	28.6	10.1	14.3	1.9	1.5	16.0	9.1	.7	-----	Wyoming.
5.4	-----	.4	25.6	7.6	14.2	1.3	1.0	15.1	14.8	11.9	2.0	District of Columbia.

**Table 5.—Percentage of pupils, by State, taking subjects taught in last 4
1948-49—**

[See headnote on

State	Trade and industrial education—vocational	General business education	Business arithmetic	Book-keeping	Type-writing	Short-hand	Business law	Business English
1	45	46	47	48	49	50	51	52
United States	6.8	5.2	4.6	8.7	23.5	7.8	2.4	1.0
Alabama.....	2.2	1.2	6.8	6.3	20.8	6.6	3.7	0.2
Arizona.....	2.9	8.1	3.3	7.1	27.3	7.2	2.8	1.4
Arkansas.....	1.7	1.2	5.9	6.6	24.3	7.3	1.1	.7
California.....	5.0	4.0	2.5	6.5	25.3	4.9	1.1	2.4
Colorado.....	1.7	3.3	3.3	7.9	30.2	7.6	1.6	1.9
Connecticut.....	3.8	6.3	6.3	10.9	25.1	8.0	3.9	1.3
Delaware.....	12.6	5.8	6.8	8.9	18.3	9.6	1.6	3.3
Florida.....	5.0	.8	5.3	7.0	20.0	6.8	2.2	1.2
Georgia.....	1.3	4.9	6.6	4.9	16.9	5.9	.8	.6
Idaho.....	1.8	4.6	2.2	9.9	26.3	7.5	.4	.3
Illinois.....	6.5	5.6	1.8	9.0	20.8	9.1	2.4	.5
Indiana.....	6.8	6.1	6.3	10.3	24.0	8.2	1.8	1.4
Iowa.....	2.6	4.9	4.4	13.0	26.5	7.8	5.2	.7
Kansas.....	2.9	4.0	4.3	10.4	27.6	7.7	1.8	.5
Kentucky.....	5.4	4.7	5.1	5.8	20.5	5.8	2.3	.7
Louisiana.....	1.1	1.5	2.3	4.4	14.9	3.3	.5	.4
Maine.....	3.6	8.4	10.3	12.6	19.9	10.8	3.4	2.2
Maryland.....	14.2	8.2	6.8	8.2	24.4	6.3	2.1	.3
Massachusetts.....	8.8	5.7	7.4	14.3	23.3	9.7	4.1	1.5
Michigan.....	8.3	7.0	6.8	10.3	24.5	8.0	2.5	1.4
Minnesota.....	5.1	11.6	.8	10.6	20.6	9.3	2.6	.1
Mississippi.....	2.1	1.3	2.8	10.6	19.5	9.2	1.8	.8
Missouri.....	4.7	5.3	2.2	8.6	23.4	7.5	1.8	.7
Montana.....	3.7	3.7	2.2	10.3	25.4	9.5	1.1	.6
Nebraska.....	2.0	4.4	4.1	9.4	29.6	8.2	2.9	1.6
Nevada.....	7.5	3.6	3.6	7.3	26.2	8.0	1.5	1.4
New Hampshire.....	10.6	6.8	4.9	10.2	15.2	7.8	2.6	.9
New Jersey.....	9.4	8.7	5.8	11.7	21.3	9.7	4.3	1.0
New Mexico.....	3.0	2.1	.5	7.6	23.6	7.1	1.2	.2
New York.....	20.6	5.3	5.4	8.8	20.0	9.9	3.9	.5
North Carolina.....	2.6	3.5	3.6	4.0	18.4	4.0	.5	.5
North Dakota.....	.9	9.5	4.8	10.7	23.4	5.6	5.8	.5
Ohio.....	4.6	6.5	6.2	9.5	23.0	9.0	3.4	2.4
Oklahoma.....	2.8	4.5	2.8	8.3	28.2	6.8	1.8	2.0
Oregon.....	6.9	.8	.9	7.7	25.4	7.4	3.0	.2
Pennsylvania.....	13.4	7.0	6.2	11.3	21.3	10.4	2.7	2.1
Rhode Island.....	4.8	7.5	6.2	14.3	27.0	9.5	3.8	.9
South Carolina.....	4.7	1.6	3.7	9.4	21.6	7.9	.9	.8
South Dakota.....	1.4	7.8	4.8	13.9	28.3	6.8	4.9	.9
Tennessee.....	4.0	2.1	1.5	4.2	19.7	5.6	.7	.1
Texas.....	2.7	4.3	5.7	7.3	22.4	5.0	2.1	.4
Utah.....	2.5	3.2	1.5	4.9	32.2	6.8	2.0	.9
Vermont.....	6.1	6.1	5.7	11.9	22.9	10.1	3.7	1.6
Virginia.....	2.7	5.4	4.9	4.6	18.0	5.8	.9	.5
Washington.....	2.8	3.1	2.2	7.7	24.3	6.5	1.4	.8
West Virginia.....	4.1	3.4	6.4	6.9	23.7	7.3	1.3	1.2
Wisconsin.....	3.7	5.2	3.4	9.7	22.9	10.4	1.2	.5
Wyoming.....	3.1	3.3	3.4	8.4	25.0	8.7	1.9	1.0
District of Columbia.....	-----	16.6	11.0	8.7	30.5	5.1	4.8	-----

¹ All subjects or subject-fields are included for which data regarding enrollment in the last 4 years were available. For percentage data on other subject-fields or subjects, see table 6.

² Exception: In some instances, the *advanced courses* included with a basic subject (see headnote) were not offered in as many as 15 States.

³ Includes 5,092 pupils enrolled in Consumer Buying who are also included in Home Economics (column 59).

⁴ Less than 0.05 percent, or fewer than 1 pupil in 2,000.

years of public secondary day schools¹ and offered in 15 or more States,²
Continued

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Economic geography	Consumer economics	Retailing	Salesmanship and advertising	Coop. store training and office training	Office practice	Home economics	Agriculture	State
53	54	55	56	57	58	59	60	23
1.7	0.7	0.5	1.0	0.7	2.0	24.2	6.7	United States.
1.2	1.6	.1	(4)	.5	.4	25.4	12.3	Alabama.
1.0	.9	.3	1.8	.4	1.5	26.2	4.9	Arizona.
1.5	.5	.2	.5	.6	.2	26.0	19.2	Arkansas.
.4	.7	.3	1.0	.5	3.4	26.2	4.0	California.
.5	.4	.1	.3	.6	.7	20.3	5.3	Colorado.
3.3	1.9	.4	2.7	.2	5.5	23.0	.7	Connecticut.
2.1	1.7	.5	1.3	2.1	2.9	36.0	4.6	Delaware.
1.2	.4	(4)	.9	.4	1.1	28.9	9.7	Florida.
1.3	.3	.1	.8	.4	.5	28.4	12.4	Georgia.
.2	.2			.1	.5	24.5	8.8	Idaho.
3.1	.7	.1	1.6	.5	2.4	21.2	5.9	Illinois.
.9	.6	.4	.9	.7	1.4	31.0	7.0	Indiana.
1.8	.5	.3	.7	.9	.8	25.2	9.6	Iowa.
.5	.3	.2	.5	.5	.6	30.4	7.8	Kansas.
1.5	.5	.5	1.2	.1	.5	23.0	10.7	Kentucky.
.6		.1	.1	.2	.6	34.2	12.9	Louisiana.
2.4	.8	.1	.8	.2	2.2	16.7	3.6	Maine.
1.4	1.5	.2		.4	2.7	30.9	5.7	Maryland.
5.4	1.8	.5	1.9	.7	7.0	19.3	.8	Massachusetts.
1.4	.5	1.4	.8	1.1	1.6	25.4	5.0	Michigan.
3.1	.7	.2	.2	.3	1.4	20.2	5.8	Minnesota.
.8			.1	.2	.6	26.5	13.9	Mississippi.
.4	.2	.3	.4	.5	1.5	19.7	8.6	Missouri.
.8	.2	.1	.3	2.9	.2	20.2	8.6	Montana.
.7	.5	.2	.9	.8	1.2	21.1	7.3	Nebraska.
				.5	(4)	18.0	3.0	Nevada.
4.4	.9	.1	1.9	1.3	1.4	18.8	2.8	New Hampshire.
5.1	2.5	.6	3.0	.5	5.3	25.7	1.3	New Jersey.
.5		.1	.2	1.2	.3	22.7	6.0	New Mexico.
1.0	.6	1.9	1.6	.7	3.6	15.4	1.5	New York.
.5	.1	(4)	.2	.3	.2	29.4	13.4	North Carolina.
1.7	.4	.5	.7	.6		16.1	9.0	North Dakota.
2.9	1.0	.5	1.9	.7	1.7	24.5	3.7	Ohio.
.5	.4	.1	.3	.6	.9	26.8	14.1	Oklahoma.
.1	.5	.2	.1	1.0	.6	21.1	5.4	Oregon.
2.8	1.3	.9	2.0	1.5	3.0	24.3	3.0	Pennsylvania.
3.1	1.4	.1	1.8	.3	6.2	15.6	1.4	Rhode Island.
(4)	.7	.2	.6	.9	.2	24.1	14.1	South Carolina.
1.0	.7	.1	(4)	.3	.1	21.8	4.2	South Dakota.
1.2	.6	(4)	.2	.5	.2	32.0	14.5	Tennessee.
1.0	.2	.2	.4	.9	.4	28.6	11.8	Texas.
	.3	.9	.9	.8	1.0	32.1	11.4	Utah.
3.1	.5	.2	3.6	1.3	1.2	19.2	5.8	Vermont.
1.5	.1	.3	.1	.5	.4	22.6	9.9	Virginia.
.4	.1	.5	.3	1.5	.9	30.0	7.2	Washington.
1.0	.4	.2	.7	.7	.6	23.4	6.3	West Virginia.
2.3	.6	.2	.9	.4	1.7	24.3	9.6	Wisconsin.
1.7	.5	.2		.8	1.2	20.1	8.4	Wyoming.
.2	.1	2.0	1.4	.7	7.6	12.8		District of Columbia.

Table 6.—Percentage of pupils, by State, enrolled in certain subject-fields,¹
1948-49

[All public secondary day schools]

State	Industrial arts—non- vocational	Health, safety, and physical education		Music	Art
		Physical education	Other ²		
1	2	3	4	5	6
United States.....	25.5	74.1	38.8	36.0	17.7
Alabama.....	4.7	69.6	33.6	20.3	3.0
Arizona.....	20.0	67.0	22.4	30.5	12.5
Arkansas.....	4.6	75.0	22.7	18.3	3.2
California.....	41.1	97.5	18.8	33.7	22.2
Colorado.....	28.1	61.5	48.6	42.6	21.9
Connecticut.....	37.7	81.1	29.5	39.7	26.6
Delaware.....	36.4	93.0	38.9	41.9	28.1
Florida.....	13.3	83.9	25.4	29.3	8.7
Georgia.....	10.6	38.3	24.7	17.5	5.3
Idaho.....	16.3	51.3	35.6	45.1	8.5
Illinois.....	29.1	89.3	53.8	33.5	14.2
Indiana.....	27.0	58.8	45.6	37.4	14.5
Iowa.....	26.6	77.9	22.8	38.5	13.0
Kansas.....	32.5	57.5	18.3	57.5	7.8
Kentucky.....	14.6	50.0	36.9	25.0	8.8
Louisiana.....	7.0	85.1	48.6	25.7	2.8
Maine.....	17.9	51.1	11.8	26.6	5.1
Maryland.....	42.1	94.4	43.6	69.2	40.4
Massachusetts.....	34.0	81.6	43.1	44.8	35.4
Michigan.....	32.0	54.0	22.6	31.8	13.7
Minnesota.....	33.1	69.9	28.0	33.0	13.7
Mississippi.....	3.6	29.7	19.5	18.2	1.5
Missouri.....	14.6	80.6	18.6	48.3	9.6
Montana.....	19.7	56.4	22.7	34.3	9.1
Nebraska.....	20.6	38.0	11.5	46.1	8.7
Nevada.....	25.0	75.0	62.0	46.5	13.7
New Hampshire.....	27.4	42.4	12.7	37.7	20.1
New Jersey.....	39.4	94.1	72.9	35.3	24.6
New Mexico.....	17.8	62.8	24.8	33.1	4.3
New York.....	25.4	83.5	47.4	35.8	31.3
North Carolina.....	7.7	40.1	38.2	20.8	3.9
North Dakota.....	9.7	83.1	24.6	52.5	6.5
Ohio.....	30.4	81.1	28.7	44.4	14.1
Oklahoma.....	21.4	35.7	11.9	31.3	7.5
Oregon.....	22.9	85.2	73.3	36.2	13.0
Pennsylvania.....	36.7	92.5	84.2	53.9	40.4
Rhode Island.....	35.4	86.6	40.0	34.1	30.9
South Carolina.....	10.4	50.1	35.2	19.0	4.1
South Dakota.....	19.4	31.0	9.3	49.2	7.2
Tennessee.....	12.5	76.7	50.3	18.2	8.2
Texas.....	17.1	66.8	39.6	29.8	9.7
Utah.....	33.0	84.9	74.9	56.0	23.5
Vermont.....	10.7	61.9	10.4	37.0	11.3
Virginia.....	13.8	75.9	42.1	19.9	5.1
Washington.....	35.1	67.1	37.4	33.0	17.8
West Virginia.....	15.9	65.3	27.2	31.4	12.5
Wisconsin.....	25.7	71.4	23.5	39.3	12.0
Wyoming.....	22.4	55.8	23.3	48.9	4.1
District of Columbia.....	37.6	98.8	57.6	45.8	63.3

¹ Viz, subject-fields for which data on specific grade-level within secondary school were not available.² Includes Health, Hygiene, Safety, Driver education, and Military drill.

Table 7.—Number and percentage of pupils enrolled in certain subjects in the last 4 years of public secondary day schools, 1889-90 to 1948-49

Subject	1880		1900		1910		1915		1922		1928		1934		1949	
	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total enrollment	202,963		519,251		739,143		1,465,495		2,455,460		2,896,630		4,496,544		5,399,452	
English.....																
Journalism.....			199,803	38.5	422,051	57.1	680,871	58.4	1,052,232	76.7	2,090,633	93.1	4,071,004	90.5	5,015,890	92.9
Radio speaking and broadcasting.....									2,224	.1	6,639	.2	31,246	.7	100,147	1.9
															5,879	.1
United States history.....	355,427	27.3	3198,125	38.2	3406,784	55.0	3589,067	50.5	329,565	15.3	517,331	17.9	779,489	17.3	1,231,094	22.8
English history.....									61,766	2.9	25,203	.9	21,913	.5	1,043	.0
World history.....									175,628	6.1	175,628	6.1	536,178	11.9	876,432	16.2
Civil government.....									192,497	10.3	387,910	13.4	268,338	6.0	431,916	8.0
Community government.....			112,465	21.7	114,965	15.6	183,294	15.7	416,329	19.3	(387,910)	13.4	465,954	10.4	(7)	(7)
Geography.....									8,790	.3	8,790	.3	94,071	2.1	301,652	5.6
Problems of democracy.....									30,200	1.0	30,200	1.0	156,707	3.5	282,971	5.2
Economics.....									147,035	4.8	147,035	5.1	221,874	4.9	254,770	4.7
Sociology.....									51,288	2.4	77,117	2.7	111,718	2.5	185,901	3.4
Psychology.....									18,786	.9	29,669	1.0	15,025	.3	46,547	.9
Consumer education.....			12,368	2.4	7,109	1.0	13,626	1.2							838,024	.7
General science.....									393,885	18.3	507,038	17.5	798,227	17.8	1,121,980	20.8
Biology.....					7,883	1.1	80,403	6.9	180,288	8.8	393,391	13.6	636,693	14.6	905,930	18.4
Botany.....					116,497	15.8	106,520	9.1	82,241	3.8	46,002	1.6	31,075	.8	7,670	.1
Physiology.....			142,401	27.4	113,232	15.3	110,941	9.5	104,319	3.1	77,660	2.7	81,632	1.8	53,592	1.0
Zoology.....					51,370	6.9	37,456	3.2	32,966	1.5	22,165	.8	27,275	.6	3,051	.1
Earth science.....			154,513	29.8	155,401	21.0	178,693	13.3	97,140	4.5	81,017	2.8	78,559	1.7	20,575	.4
Chemistry.....	20,503	10.1	40,084	7.7	50,923	6.9	86,031	7.4	189,413	7.4	204,604	7.1	339,769	7.6	412,401	7.6
Physics.....	46,134	22.8	98,846	19.0	107,988	14.6	165,854	14.2	192,380	8.9	198,402	6.8	282,896	6.3	291,473	5.4
Algebra.....	92,150	45.4	292,287	56.3	420,207	56.9	569,215	48.8	865,515	40.2	1,020,323	35.2	1,367,210	30.4	1,448,966	26.8
General mathematics.....									206,918	12.4	228,231	7.9	333,348	7.4	704,742	13.1
Geometry.....	43,294	21.3	142,235	27.4	228,170	30.9	309,383	26.5	488,825	22.7	573,698	19.8	767,171	17.1	693,280	12.8
Trigonometry.....			9,915	1.9	13,812	1.9	17,220	1.5	32,930	1.5	36,855	1.3	59,858	1.3	108,551	2.0
Latin.....					4,920	.7	31,743	2.7	242,715	11.3	273,564	9.4	280,329	6.2	443,965	8.2
Spanish.....	70,411	34.7	262,767	50.6	362,548	49.0	434,925	37.3	593,086	27.5	636,962	22.0	720,329	16.0	422,304	7.8
French.....	11,858	5.8	40,355	7.8	73,161	9.9	102,516	8.8	333,162	15.5	505,012	14.0	488,710	10.9	255,375	4.7
German.....									13,918	.6	53,250	1.8	106,672	2.4	43,025	.8
Italian.....	21,338	10.5	74,408	14.3	175,083	23.7	284,294	24.4	359	(7)	2,552	.1	10,434	.2	15,552	(7)
Portuguese.....									359						320	(9)
Russian.....																14

See footnote at end of table.

Table 7.—Number and percentage of pupils enrolled in the last 4 years of public secondary day schools, 1889-90 to 1948-49—Continued

Subject	1890		1900		1910		1915		1922		1928		1934		1949	
	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent	Num- ber	Per- cent
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Industrial subjects.....							130,155	11.2	295,905	13.7	391,529	13.5	946,128	21.0	1,434,302	26.6
General business training.....									31,688		86,629	3.0	276,672	6.2	279,577	5.2
Business arithmetic.....							39,816	3.4	270,517	12.6	201,289	6.9	220,688	4.9	249,690	4.6
Bookkeeping.....									310,232	10.7	439,379	15.2	446,463	9.9	472,163	8.7
Typewriting.....									281,524	13.1	439,379	15.2	749,315	16.7	1,216,142	22.5
Shorthand.....									191,901	8.9	251,631	8.7	404,237	9.0	421,635	7.8
Business law.....									19,611	.9	76,434	2.6	144,342	3.2	130,585	2.4
Business English.....											14,279	.5	38,242	.9	56,620	1.0
Economic geography.....									36,616	1.7	140,246	4.8	178,408	4.0	90,045	1.7
Office practice.....									7,721	.4	44,364	1.5	80,104	1.8	108,201	2.0
Retailing.....															28,170	5
Salesmanship and advertising.....									5,646	.3	11,419	.4	32,031	.7	56,683	1.0
Cooperative office training.....															21,432	.4
Cooperative store training.....															16,016	.3
Home economics.....							150,276	12.9	307,553	14.3	477,503	16.5	751,807	16.7	1,304,846	24.2
Agriculture.....							83,573	7.2	110,242	5.1	106,086	3.7	159,763	3.6	364,185	6.7
Physical education.....									123,568	5.7	435,383	15.0	2,277,775	50.7	3,747,220	69.4
Music.....							367,188	31.5	544,770	25.3	754,245	26.0	1,148,732	25.5	1,625,235	30.1
Art.....							266,492	22.9	317,825	14.7	339,485	11.7	391,754	8.7	486,232	9.0
Teacher training.....									20,841	1.0	53,269	1.8	5,021	.1	1,206	(⁶)

NOTE.—When necessary, the subjects reported in previous surveys were analyzed, and appropriate components were either recombined, separately listed, or eliminated (with corresponding changes in the number and percentage enrolled) in a manner to yield as close comparability as possible with the data of the current (1948-49) survey.

¹ For the years 1910-34 the figures represent the number of pupils enrolled in the last 4 years of all public secondary day schools that returned usable questionnaires. For 1890, 1900, and 1949 the figures represent the total number of pupils enrolled in the last 4 years of all public secondary day schools.

² Includes enrollment in Composition and in Literature.

³ Includes Ancient History, and Medieval and Modern History.

⁴ Data are for U. S. History (advanced) only, grades 10-12.

⁵ Less than 0.05 percent, or fewer than 1 pupil in 2,000.

⁶ Data are for American Government or Advanced Civics only, grades 10-12.

⁷ Comparable data for 1948-49 not available.

⁸ Includes 5,692 pupils enrolled in Consumer Buying who are also included in Home Economics.

⁹ Enrollment in grades 9-12 estimated on basis of the percentage enrolled in the subject in regular (4-year) and senior high-schools together, applied to the total number of pupils enrolled in grades 9-12 in all types of public secondary day schools. This estimation was necessary because the data for the subject did not fully identify enrollment by grade.

Appendix

Classification of High-School Subjects

The 13 broad subject fields (English, Social Studies, etc.) are printed in full capitals.

In addition to the 118 specifically named courses printed on the "Inventory of Offerings and Enrollments in High-School Subjects" and classified under the 13 subject fields, space was provided on the questionnaire for writing in other course titles. Each write-in was included under the subject field in which it was reported by the respondent. If the write-in designated a subject which was taken by a fairly large number of students, and if this subject could not be properly identified with a subject-title printed on the questionnaire, the write-in was counted as an additional subject-title, and included as such in the tables of this report. Such write-ins account for 156 of the subject-titles in the tables. In all, then, 274 specific subject-titles (118 printed on the questionnaire and 156 write-ins) were employed; in the list below, these subject-titles are printed in small capitals and indented.

Some write-ins designated subjects which were taken by only few students; other write-ins designated subjects which seemed to differ from an established subject-title primarily in name rather than content. Such write-ins have been subsumed under the subject-title to which they seemed most nearly related and have been listed below in ordinary print, with double indentation.

The subject-titles in the following list are arranged in the same sequence as in table 2 (which is also the same sequence as in table 3), except that the titles of the "uncommon subjects" of table 4 have been incorporated into the list at appropriate intervals. Thus "advanced composition" (from table 4) is listed immediately after "creative writing"; "German IV" (from table 4) is listed immediately after "German III"; etc.

ENGLISH

SEVENTH-GRADE ENGLISH

Reading (grade 7)

Spelling (grade 7)

EIGHTH-GRADE ENGLISH

Reading (grade 8)

Spelling (grade 8)

NINTH-GRADE ENGLISH

TENTH-GRADE ENGLISH

ELEVENTH-GRADE ENGLISH

ENGLISH—Continued

TWELFTH-GRADE ENGLISH

SPEECH AND PUBLIC SPEAKING

Oral English

DRAMATIC ART

Drama

School plays

DEBATE

Discussion

ENGLISH—Continued**RADIO SPEAKING AND BROADCASTING****JOURNALISM**

Annual

School Publications

CREATIVE WRITING

Creative and contemporary literature

ADVANCED COMPOSITION**WORLD LITERATURE**

Literature

Classics

Fiction

Free Reading

History of Literature

AMERICAN LITERATURE**ENGLISH LITERATURE****CURRENT LITERATURE****BIBLE**

Old Testament

New Testament

Church history

Junior seminary

COLLEGE PREPARATORY ENGLISH

English V (Fifth year when not post-graduate)

GRAMMAR

Review of grammar

Rhetoric

REMEDIAL ENGLISH

Developmental or remedial general English

Corrective English

Language skills

Practical English

Problems in oral and written expression

General language

English review

Scholarship review

Remedial reading

Remedial speech

Speech clinic

PENMANSHIP**FOREIGN ADJUSTMENT ENGLISH**

English to foreigners

ALL OTHER ENGLISH

Library training

Word study

SOCIAL STUDIES

U. S. HISTORY (GRADE 7, 8, OR 9)

WORLD HISTORY (GRADE 7 OR 8)

STATE HISTORY (GRADE 7 OR 8)

ANCIENT AND/OR MEDIEVAL HISTORY
(GRADE 7 OR 8)LATIN-AMERICAN HISTORY (GRADE 7
OR 8)

Lands to the south

Southern lands

MODERN EUROPEAN HISTORY (GRADE 7
OR 8)INDUSTRIAL HISTORY AND GEOGRAPHY
(GRADE 7 OR 8)

WORLD GEOGRAPHY (GRADE 7 OR 8)

AMERICAN GEOGRAPHY (GRADE 7 OR 8)

COMMUNITY CIVICS (GRADE 7, 8, OR 9)

Social studies, local course

Citizenship

Democratic living in ninth grade

Human relations (grade 7 or 8)

Social studies (grade 7 or 8)

Social science (grade 7, 8, or 9)

OCCUPATIONS

Vocational occupations

Vocations

Careers

ORIENTATION

General training

English-social studies (unless 2 periods when it belongs in core program)

English experience course

Home living (grade 7, 8, or 9)

Everyday living (grade 7, 8, or 9)

Problems in living (grade 7, 8, or 9)

Social living (grade 7, 8, or 9)

U. S. HISTORY, ADVANCED

American history

LATIN-AMERICAN HISTORY (GRADES 9-12)

Lands to the south

Southern lands

South American history

Pan-American history

Western hemisphere

WORLD HISTORY (GRADES 9-12)

Old world history and geography

State and world background

Economic world history

Academic world history

SOCIAL STUDIES—Continued

WORLD HISTORY (GRADES 9-12)—Con.

General history

STATE HISTORY (GRADES 9-12)

New England life

Pacific history [in western States]

Pacific rim [in western States]

ENGLISH HISTORY (GRADES 9-12)

HISTORY OF THE ORIENT (GRADES 9-12)

ANCIENT AND/OR MEDIEVAL HISTORY
(GRADES 9-12)

Early European history

MODERN EUROPEAN HISTORY (GRADES
9-12)

Continental affairs

Medieval and modern history

NEGRO HISTORY (GRADES 9-12)

INDUSTRIAL HISTORY AND GEOGRAPHY
(GRADES 9-12)

WORLD GEOGRAPHY (GRADES 9-12)

World geography and economic citizenship

Man in his environment

Transportation

Map reading

Foreign trade

Economic world (grade 9)

Air age

AMERICAN GEOGRAPHY (GRADES 9-12)

AMERICAN GOVERNMENT OR ADVANCED
CIVICS

U. S. Government

Parliamentary law

Constitution

PROBLEMS OF DEMOCRACY

American problems

Problems of American democracy

World problems

World governments

American institutions

American life

Current history

Current events

Race relations

INTERNATIONAL RELATIONS

World citizenship

ECONOMICS

Economic problems

Commercial problems

SOCIOLOGY

Sociology problems

Social problems

Senior social science

SOCIAL STUDIES—Continued

PSYCHOLOGY

Psychology and mental hygiene

Human relations

Guidance and personal problems

Practical psychology

Ethics

Social adjustment

CONSUMER EDUCATION

ALL OTHER SOCIAL STUDIES

Comparative religion

SCIENCE

SEVENTH-GRADE GENERAL SCIENCE

EIGHTH-GRADE GENERAL SCIENCE

NINTH-GRADE GENERAL SCIENCE

NATURE STUDY

BIOLOGY

Essential biology

Natural science

BOTANY

PHYSIOLOGY

ZOOLOGY

EARTH SCIENCE

Geology

Astronomy

Agronomy

Physical geography

Physiography

Meteorology

Mineralogy

Agricultural science

Mining (when reported in science)

AERONAUTICS

Preflight

Science of aeronautics

Fundamentals of aviation

Aviation physics

Aviation mathematics

ADVANCED GENERAL SCIENCE

Generalized science

Consumer science

Senior science

Science survey

Applied science

Basic science

Practical science

Modern science

Industrial science

Girls' science

Descriptive science

Popular science

SCIENCE—Continued

PHYSICAL SCIENCE

CHEMISTRY

APPLIED CHEMISTRY

Descriptive chemistry

ADVANCED CHEMISTRY

College chemistry

Qualitative analysis

Quantitative chemistry

PHYSICS

APPLIED PHYSICS

ADVANCED PHYSICS

College physics

FUNDAMENTALS OF ELECTRICITY

FUNDAMENTALS OF MACHINES

Power plants

RADIO INCLUDING ELECTRONICS

Radio physics

ADVANCED BIOLOGY

Bacteriology

APPLIED BIOLOGY INCLUDING SOCIAL
BIOLOGYPrenatal education (when not in home
economics)

Genetics

Eugenics

LABORATORY TECHNIQUES

METALLURGY

Metallurgical chemistry

CONSERVATION

RELATED SCIENCE

Related chemistry

Related biology

Home science

Home mechanics

Household chemistry

Horticulture

Forestry

Greenhouse practice

OTHER SCIENCE

MATHEMATICS

SEVENTH-GRADE ARITHMETIC

EIGHTH-GRADE ARITHMETIC

ELEMENTARY ALGEBRA (1ST YEAR)

INTERMEDIATE ALGEBRA (2ND YEAR)

GENERAL MATHEMATICS

Mathematics essentials

Basic mathematics

Mathematics 9A and 9B

Developmental mathematics

High-school mathematics

MATHEMATICS—Continued

GENERAL MATHEMATICS—Continued

Everyday mathematics

Arithmetic

Practical mathematics

PLANE GEOMETRY

SOLID GEOMETRY

TRIGONOMETRY

ADVANCED OR COLLEGE ALGEBRA

ADVANCED GENERAL MATHEMATICS

Mathematics 10A and 10B

College board mathematics

Senior mathematics

Gamma mathematics

MATHEMATICS REVIEW

Review of academic mathematics

Algebra review

Geometry review

Arithmetic review

Socialized high-school arithmetic

Remedial mathematics

ANALYTICS

Analytical geometry

CALCULUS

OTHER MATHEMATICS

Navigation

Slide rule

Surveying

Civil engineering

General or applied geometry

Mathematics unspecified

FOREIGN LANGUAGES

SPANISH (GRADE 7 OR 8)

Introductory or elementary Spanish

SPANISH I

SPANISH II

SPANISH III

SPANISH IV

CONVERSATIONAL SPANISH

LATIN (GRADE 7 OR 8)

Introductory or elementary Latin

LATIN I

LATIN II

LATIN III

LATIN IV

FRENCH (GRADE 7 OR 8)

Introductory or elementary French

FRENCH I

FRENCH II

FRENCH III

FRENCH IV

CONVERSATIONAL FRENCH

FOREIGN LANGUAGES—Continued

GERMAN (GRADE 7 OR 8)

Introductory or elementary German

GERMAN I

GERMAN II

GERMAN III

GERMAN IV

Conversational German

ITALIAN

Introductory or elementary Italian
(grade 7 or 8)

Italian I

Italian II

Italian III

Italian IV

HEBREW

Introductory or elementary Hebrew
(grade 7 or 8)

Hebrew I

Hebrew II

Hebrew III

Hebrew IV

GREEK I

GREEK II

GREEK III

GREEK IV

POLISH

Polish I

Polish II

Polish III

Polish IV

PORTUGUESE

Portuguese I

Portuguese II

SWEDISH

Swedish I

Swedish II

Swedish III

Swedish IV

NORSE

Norse I

Norse II

BOHEMIAN

Bohemian I

Bohemian II

RUSSIAN

Russian I

GENERAL FOREIGN LANGUAGE

Introduction to language

Comparative language

Exploratory language

Orientation

Language background

INDUSTRIAL ARTS—NONVOCATIONAL

GENERAL SHOP

Laboratory of industries

Exploratory shops

Rotating shops

WOODWORKING

General woodwork

Woodshop

Furniture making

Elements of carpentry

Woodturning

Cabinet making

Woodcarving

Pattern making

Model building

MECHANICAL DRAWING

Drawing and planning

General drawing

Elements of drawing

Drafting

Architectural drawing

Machine drawing

Sheet metal drawing

Aircraft drawing

Stage design

Blueprint reading

METAL WORK

General metal work

Art metal

Jewelry making

Sheet metal work

Welding

Forging

Foundry

Machine shop

Metal shop

PRINTING

Printing and graphic arts

Graphic arts

Bookbinding

Silk screen printing

ELECTRICAL WORK

General electricity

Essentials of electricity

Elements of electricity

Applied electricity

Radio theory and practice

Radio code

HANDCRAFTS

Arts and crafts

Crafts

Leathercraft

INDUSTRIAL ARTS—NONVOCATIONAL	TRADE AND INDUSTRIAL EDUCATION—VOCATIONAL
TIONAL—Continued	
HANDCRAFTS—Continued	
Taxidermy	VOCATIONAL RELATED SUBJECTS
Fly tying	Trade theory
AUTOMOBILE MECHANICS	Trade relations
Automotives	Vocational related English
Automobile shop	Vocational related social studies
Driver education	Vocational related problems
HOME MECHANICS	SHOP MATHEMATICS
Household mechanics	Vocational mathematics
General mechanics	Applied mathematics—shop
Farm mechanics or farm shop (when not in agriculture)	Practical mathematics (in a vocational high school when general mathematics reported)
Upholstery	Trade mathematics
Plumbing	Laboratory mathematics (unless in a science high school)
Shoe repair	Industrial mathematics
Pressing	TRADE SCIENCE
PHOTOGRAPHY	Vocational chemistry, shop
Motion picture production	Physics, vocational science
Art photography	Metallurgy, applied
CERAMICS	Mechanics, strength of materials
Pottery	Industrial chemistry
Clay modeling	DIVERSIFIED OCCUPATIONS
INDUSTRIAL ARTS I	Manufacturer's technician
Shop I	Cooperative industrial training
Manual arts I	Mortician, cooperative training
Manual training I	
Mechanic arts I	GENERAL INDUSTRIAL SHOP
INDUSTRIAL ARTS II	Building trades
INDUSTRIAL ARTS III	General vocational industrial
INDUSTRIAL ARTS IV	Industrial management
INDUSTRIAL ARTS, YEAR UNSPECIFIED	Plastering
PLASTICS	MACHINE SHOP
INDUSTRIAL ARTS AVIATION	Tool and die making
Junior aviation	Diesel and power maintenance
Model aviation or model airplane construction	AUTOMOBILE MECHANICS
Aviation engines	MECHANICAL DRAFTING
Aircraft maintenance and repair	Cam design
Aircraft sheet metal	Architectural drawing
Aircraft radio and communications	Blue print reading
Aircraft drawing and blue print reading	Machine drafting
TEXTILES	Sheet metal drafting
Weaving	CARPENTRY
TRANSPORTATION LABORATORY	CABINET MAKING
INDUSTRIAL ARTS MATHEMATICS	Joinery
OTHER INDUSTRIAL ARTS EDUCATION	Wood shop
Housing	Mill work
Communications	RADIO
Gardening (grade 7 or 8)	ELECTRICAL WORK
Millinery	PRINTING
Beauty culture	SHEET METAL
Boat building	

TRADE AND INDUSTRIAL EDUCATION—VOCATIONAL—Con.

AVIATION

- Aircraft engines
- Aviation motors
- Aircraft repair
- Aircraft instruments
- Aircraft sheet metal
- Aircraft hydraulics
- Aircraft trades
- Miscellaneous aircraft

WELDING

COSMETOLOGY

- Beauty culture

FOUNDRY AND FORGING

SHOE REPAIR

PAINTING AND DECORATING

- Painting
- Paper hanging

TAILORING

- Fashion tailoring

PHOTOGRAPHY

PATTERN MAKING

MASONRY

- General masonry
- Brick and stone masonry

REFRIGERATION AND AIR CONDITIONING

PLUMBING

TEXTILES

- Weaving

CHEF'S TRADE AND BAKING

POWER SEWING MACHINE OPERATING

BARBERING

UPHOLSTERY

PLASTICS

WATCH AND JEWELRY REPAIR

- Jewelry making
- Optical mechanics

SIGN PAINTING

SURVEYING

COMMERCIAL FISHERIES

MILLINERY

OTHER TRADE AND INDUSTRIAL EDUCATION

- Leather craft
- Lapidary work
- Laundry
- Bookbinding
- Boat building
- Cleaning and pressing
- Coal mining
- Dental mechanics
- Modeling

BUSINESS EDUCATION

GENERAL BUSINESS

- General business training
- Commercial exploratory
- Elementary business training
- Junior business
- Junior business training
- Fundamentals of business
- Business practice
- Junior business practice
- Introduction to business

BUSINESS ARITHMETIC

- Consumer mathematics
- Economic mathematics
- Secretarial mathematics
- Secretarial accounting

BOOKKEEPING I (1ST YEAR)

- General record keeping

BOOKKEEPING II (2D YEAR)

- Bookkeeping, 3d semester
- Accountancy
- Accounting

BOOKKEEPING III (3D YEAR)

BOOKKEEPING IV (4TH YEAR)

TYPING I (1ST YEAR)

- Personal use typing
- General typing

TYPING II (2D YEAR)

- Varitype

TYPING III (3D YEAR)

TYPING IV (4TH YEAR)

SHORTHAND I (1ST YEAR)

- Shorthand A

SHORTHAND II (2D YEAR)

- Shorthand, 3d semester
- Stenography, 3d semester
- Transcription

SHORTHAND III (3D YEAR)

SHORTHAND IV (4TH YEAR)

BUSINESS LAW

- Commercial law

BUSINESS ENGLISH

ECONOMIC GEOGRAPHY

- Commercial geography

CONSUMER ECONOMICS

- Business administration
- Business organization
- Advanced business information
- Business principles
- Business methods
- Investments
- Banking

BUSINESS EDUCATION—Con.**CONSUMER ECONOMICS—Continued**

- Office management
- Business science, commerce, and industry commerce
- Personal business

RETAILING

- Merchandising
- Marketing
- Textiles and nontextiles
- Window trimming

SALESMANSHIP**ADVERTISING****COOPERATIVE OFFICE TRAINING****COOPERATIVE STORE TRAINING**

- Vocational selling
- Cooperative on-the-job training
- Distributive education

OFFICE PRACTICE

- Secretarial training
- Secretarial practice
- Office training
- Clerical training
- Clerical practice
- Office and social practice
- Calculation
- Machine calculation
- Machine practice
- Duplicating
- Business skills
- Penmanship and spelling
- Filing
- Model office

OTHER BUSINESS EDUCATION

- Student placement

HOME ECONOMICS**JUNIOR HOMEMAKING (GRADE 7 OR 8)****JUNIOR HOMEMAKING FOR BOYS (GRADE 7 OR 8)****HOMEMAKING, GENERAL [when no year is specified]**

- General home arts
- Vocational home arts
- Vocational home economics
- Girls' home economics
- Boys' home economics
- Survey course
- Home arts
- Personal regimen

HOME ECONOMICS—Continued**HOMEMAKING, GENERAL—Continued**

- General home economics
- Prevocational homemaking

FOODS, 1ST YEAR**FOODS, 2D YEAR**

- Cafeteria management

FOODS, 3D YEAR

- Advanced foods (when 1st and 2d years reported)

CLOTHING, 1ST YEAR

- Sewing 1 and 2

CLOTHING, 2D YEAR

- Sewing 3 and 4

CLOTHING, 3D YEAR

- Advanced clothing (when 1st and 2d years reported)

HOMEMAKING I

- Home economics I

HOMEMAKING II

- Home economics II

HOMEMAKING III

- Home economics III

HOMEMAKING IV

- Home economics IV

HOME MANAGEMENT

- Home and home care
- Girl and her home
- Family economics

HEALTH AND HOME NURSING

- Home hygiene
- Nursing
- Cooperative prenursing

FAMILY RELATIONSHIPS

- Family and problems
- Personality and etiquette
- Marriage and family living

CHILD DEVELOPMENT

- Child care
- Child management

CONSUMER BUYING**THE HOUSE**

- House planning
- Interior decorating
- Home furnishing
- Home decorations

RELATED ART

- Arts and crafts
- Home crafts
- Design
- Personal art
- Home decorations

AGRICULTURE

- AGRICULTURE (GRADE 7 OR 8)
- AGRICULTURE I
- AGRICULTURE II
- AGRICULTURE III
- AGRICULTURE IV

HEALTH, SAFETY, AND PHYSICAL EDUCATION

- PHYSICAL EDUCATION
 - Recreational leadership
 - Games
 - Swimming
 - Dancing
 - Tumbling
- HEALTH
 - Narcotics
- HYGIENE
- SAFETY
 - Safety and personality
 - First-aid
 - Traffic control
- DRIVER EDUCATION
- MILITARY DRILL

MUSIC

- CHORUS
 - Choir
 - Junior choir
- BAND
 - Field music
 - Drum corps
- GLEE CLUB
 - Vocal ensemble
- MUSIC APPRECIATION
 - History of music
- GENERAL OR PUBLIC SCHOOL MUSIC
 - Music
 - Rudiments of music
 - Music orientation
- ORCHESTRA
 - Triple trio
 - String ensemble
- HARMONY
 - Creative music
- INSTRUMENTAL MUSIC
 - Piano
 - Woodwind
 - String
 - Bass

MUSIC—Continued

- THEORY AND PRACTICE
 - Theory and voice
 - Voice

ART

- ART I
 - Fine art I
 - Representation I
 - Design I
- ART II
 - Fine art II
 - Representation II
 - Design II
 - Still life
- ART III
 - Fine art III
 - Representation III
 - Design III
 - Special art
 - Life drawing
 - Figure drawing
- ART IV
 - Fine art IV
 - Representation IV
 - Advanced representation
 - Costume design
 - Design IV
- FREEHAND DRAWING
- ART APPRECIATION
- GENERAL ART
 - General and creative art
 - General art shop
 - Home art
 - Basic and general art
 - Related art
 - Social forms
 - Crafts (when reported under art)
- APPLIED ART
- COMMERCIAL ART
- SCHOOL SERVICE ART
 - Poster club
 - School service art class
 - Murals
 - Stagecraft
 - Art craft for school paper
 - Graphic art
 - Cartoon
 - Visual aids

OTHER INSTRUCTION OR COURSES

GROUP GUIDANCE

Group conference

Exploratory junior guidance

STUDENT SERVICE

News circulation

Student leadership

Student government

Special interests

Audio-visual education

INSTRUCTION TO SPECIAL GROUPS

Lip reading

OTHER INSTRUCTION OR

COURSES—Continued

INSTRUCTIONS TO SPECIAL GROUPS—Con.

Sight-saving classes

Special groups including mentally retarded

AUDITORIUM

TEACHER TRAINING

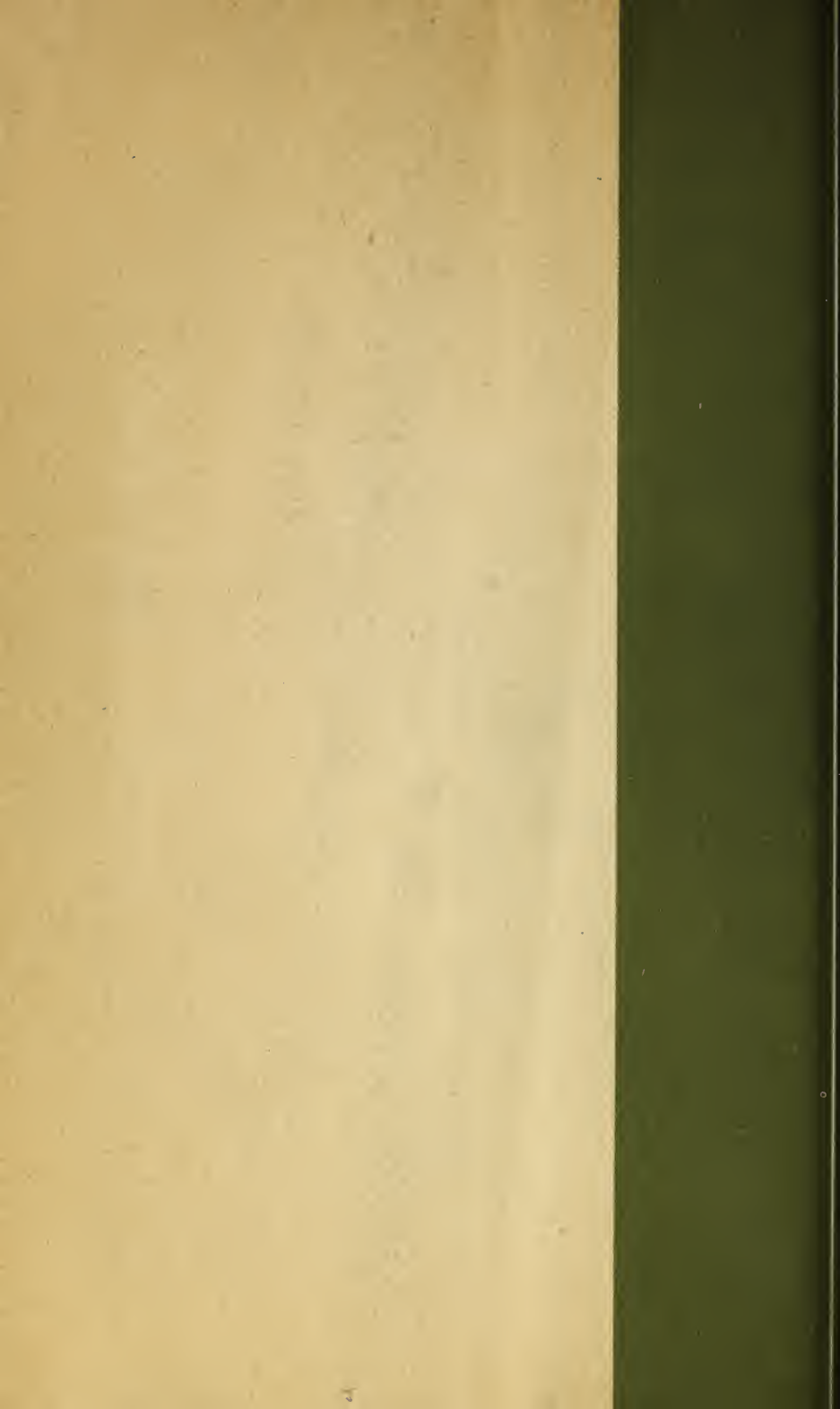
Professional teacher training

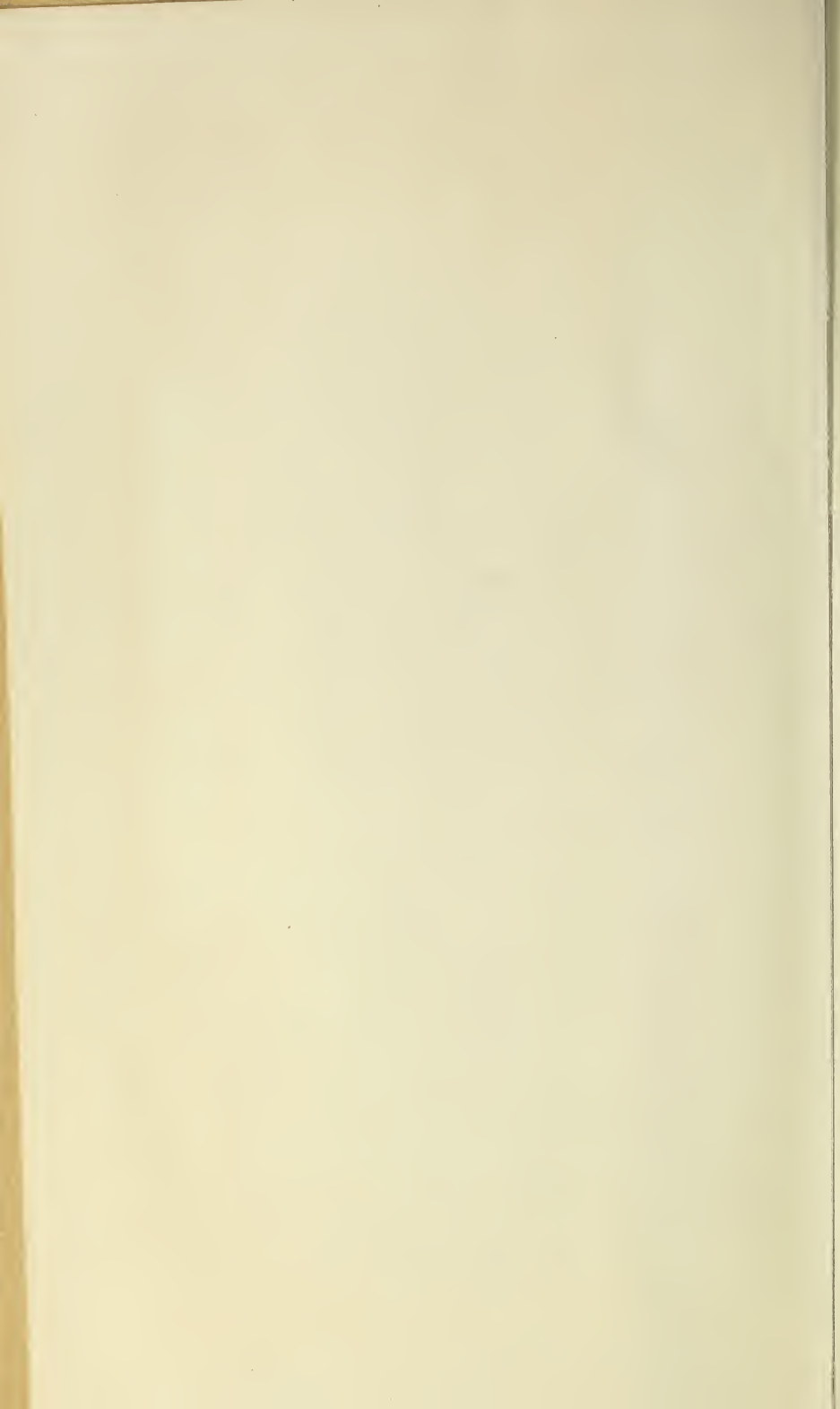
Teacher-training review

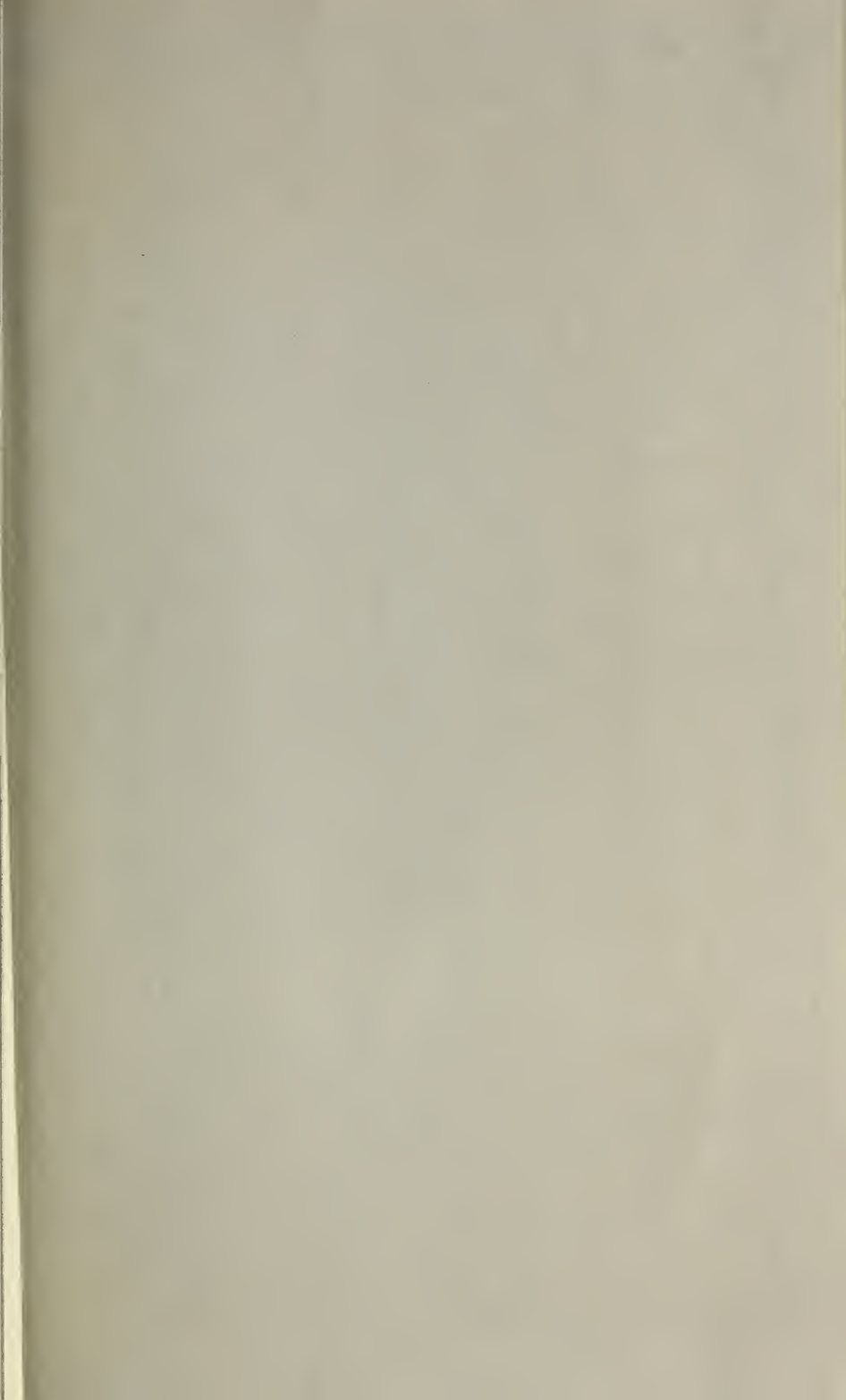
Teacher orientation

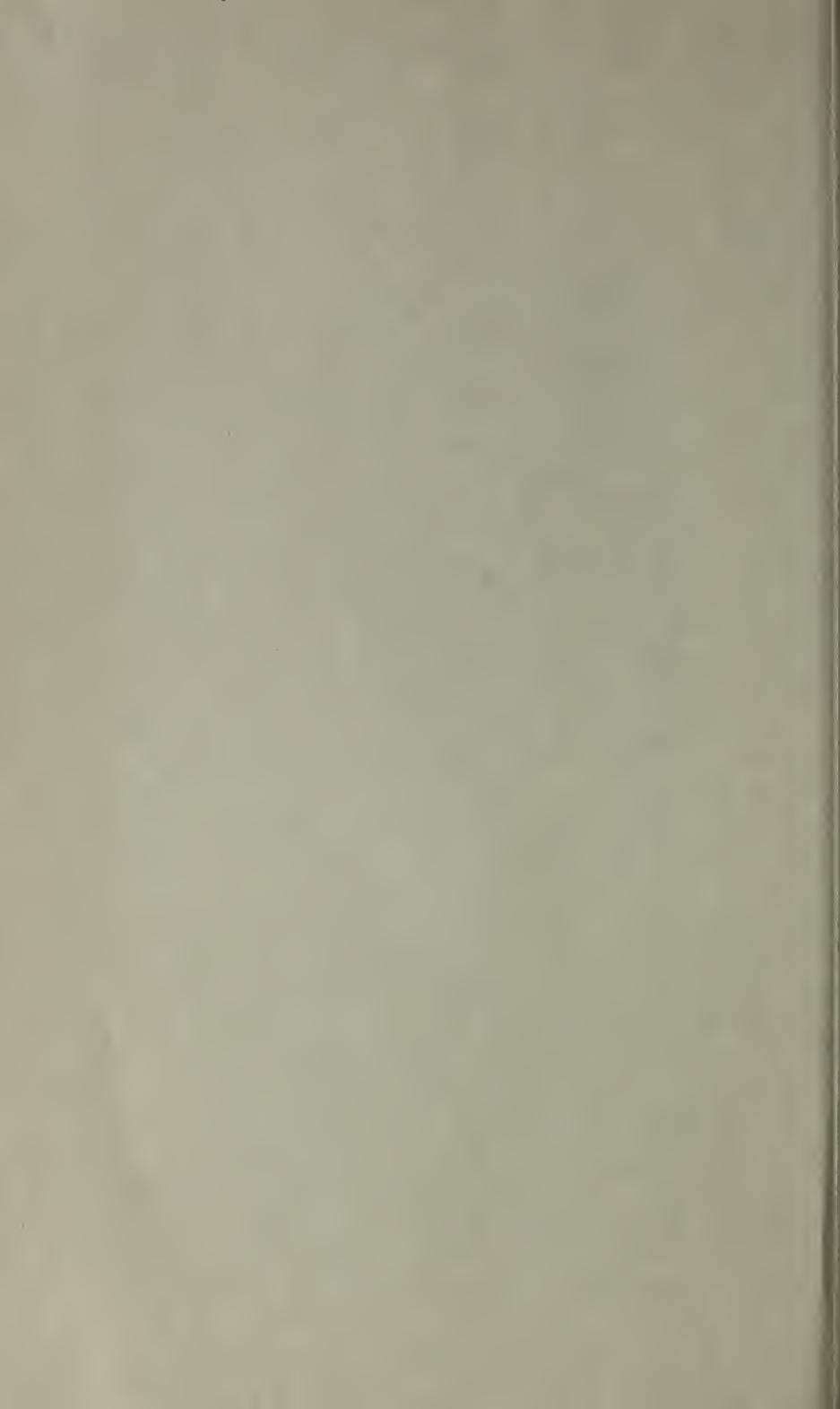
CORRESPONDENCE COURSES ¹

¹ The data under this subject-title report the number of pupils taking correspondence courses, by State and by type of public secondary day school. Enrollments reported for individual courses taught by correspondence are included under the appropriate subject-titles in the tables.









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